

From N2ZRC@gnn.com Sun Dec 01 08:41:00 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA16262 for <aprssig@tapr.org>; Sun, 1 Dec 1996 08:40:57 -0600 (CST)
Received: from 33-227.client.gnn.com. (33-227.client.gnn.com [205.188.33.227]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id JAA27441 for <aprssig@tapr.org>; Sun, 1 Dec 1996 09:40:19 -0500 (EST)
Message-Id: <199612011440.JAA27441@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 01 Dec 1996 09:39:58
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: PacComm Kudos (was: PicoPacket w/ internal GPS)

Hi All,

On Sat, 30 Nov Ralph wrote:

>... I've made suggestions to Kantronics as to improvements,
>but the responses I have received from them indicate that
>what we have is what we will continue to have.
>
>Not so with Paccomm. The Company is very in tune with APRS
>and gives us way more support than any other I have seen.
>... They (Paccomm) are always adding features ... Remember
>that Paccomm's main business is commercial TNCs and Vehicle
location, so we Hams benefit from all the development they do
>for that market. This is a case where a person's hobby (Ham
>packet) became a business and now the business developments
>help give something back to the Hams.

Back when I was just toying with the idea of getting a GPS unit and I was relatively new to the SIG, I was very favorably impressed with the helpfulness, support and obvious love of concern Gwyn showed us in his posts and responsiveness to the needs, desires, wishes and (sometimes) whims of APRS users. I wrote him expressing this and said that I'd rarely seen such a level of hands-on person-to-person touch from ANY other amateur radio equipment manufacturer. Indeed, not from almost any business in any field.

They make an excellent product that is supported far and beyond that of one's normal expectations of a business. I said that this was a refreshing, delightful change from the norm of today's "Hey, you bought it. Now live with it and stop asking so many weird questions," attitude prevalent in today's make-a-buck, downsized, cold and impersonal business attitude.

In other words, this was the way I'd like to run my own business and how I wish everybody ran theirs. I'm in retail

sales and recognize that such an attitude is the key to repeat customers. If you treat the customer with respect, offer them the knowledge they need, occasionally absorb a few bucks of profit to make sure they'll come back then they will.

Gwyn and Linda (and their employees), in my mind, exemplify the "American Dream" of making and growing a business while keeping a pulse on their customers' needs and throwing in that "extra something" that makes their business special, that makes them stand far and away ahead of the crowd.

BTW, I don't work for them either. Haven't been paid for the above (or otherwise renumerated.) I'm just one of their very satisfied customers.

And congratulations, Linda! I'm sure you know that you can connect to the QRZ website (www.qrz.com) and get your new call there several days before the ticket arrives in the mail. With the current FCC rules, as soon as you KNOW what your call-sign is you can get on the air (you no longer need to physically possess the ticket!)

One of the things I do (on behalf of our ARRL Division Director) is send radiograms to new hams welcoming them to the hobby. So here's yours:

"WELCOME TO OUR GREAT FRATERNITY
SPEND TIME EXPLORING THE MANY
EXCITING FACETS OF OUR HOBBY
CONTACT YOUR LOCAL CLUB AND GET INVOLVED
WE STAND READY TO ASSIST YOU 73"

Unfortunately, I don't know your call. When I send these radiograms, I've been supplied with the daily FCC updates, thus the ham delivering the radiogram is, in most cases, informing the newbie of their callsign FOR THE FIRST TIME days before the paperwork arrives from Gettysburg. After all you've done for us, I wish I could give you this information. 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

From irvinf@i1.net Sun Dec 01 09:11:46 1996
Received: from mail1.i1.net (root@mail1.i1.net [205.216.202.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA17422 for <aprssig@tapr.org>; Sun, 1 Dec 1996
09:11:45 -0600 (CST)
Received: from pm3-66.i1.net (pm3-66.i1.net [207.76.231.66]) by mail1.i1.net

(8.8.3/8.8.3) with SMTP id JAA23441 for <aprssig@tapr.org>; Sun, 1 Dec 1996 09:11:41 -0600 (CST)
Message-Id: <199612011511.JAA23441@mail1.i1.net>
X-Sender: irvinf@i1.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 01 Dec 1996 09:09:23 -0500
To: aprssig@tapr.org
From: Irvin Feldman <irvinf@i1.net>
Subject: Delorme Tripmate

For everyones info, in the flyer I have from Computer City--Delorme Tripmate is on sale for \$130 until Dec 6.

Irv NOBOB
irvinf@i1.net

From schiers@ames.net Sun Dec 01 09:13:21 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA17462 for <aprssig@tapr.org>; Sun, 1 Dec 1996 09:13:20 -0600 (CST)
From: schiers@ames.net
Message-Id: <199612011513.JAA17462@tapr.org>
Received: from [206.29.127.242] by ames.net id 474b0.wrk; Sun, 1 Dec 1996 08:58:24 -0600
Date: Sun, 01 Dec 96 09:11:45 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6871] PacComm Kudos (was: PicoPacket w/ i
In-Reply-To: <913275@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.2a

In <913275@bbs.ames.net>, on 12/01/96 at 08:35 AM,
aprssig@tapr.org said:

> Gwyn and Linda (and their employees), in my mind, exemplify the "American Dream" of making and growing a business while keeping a pulse on their customers' needs and throwing in that "extra something" that makes their business special, that makes them stand far and away ahead of the crowd.

I couldn't agree more. They are first class in service and their products are outstanding. Based on my experience with their products and service, (tiny2, pico, gps antenna, etc.), I would not hesitate to recommend them.
73,

hasan schiers, NOAN

schiers@ames.net

From schiers@ames.net Sun Dec 01 09:27:33 1996

Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA18081 for <aprssig@tapr.org>; Sun, 1 Dec 1996
09:27:31 -0600 (CST)
From: schiers@ames.net
Message-Id: <199612011527.JAA18081@tapr.org>
Received: from [206.29.127.242] by ames.net id 49900.wrk; Sun, 1 Dec 1996 09:12:34
-0600
Date: Sun, 01 Dec 96 09:26:43 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6863] Log File of Cross Country Trip
In-Reply-To: <912738@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.2a

In <912738@bbs.ames.net>, on 11/30/96 at 04:43 PM,
aprssig@tapr.org said:

><http://www.bridge.net/~sdimse/trip.html>

Just and FYI...I tried it last night and couldn't get it to
load the dosAPRS map with the OS/2 applet which works fine
with soeast.html

73,

hasan schiers, NOAN

schiers@ames.net

From rparry@qualcomm.com Sun Dec 01 09:35:32 1996
Received: from grumpy.qualcomm.com (grumpy.qualcomm.com [129.46.241.10]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18560 for <aprssig@tapr.org>; Sun, 1
Dec 1996 09:35:31 -0600 (CST)
Received: from [129.46.92.34] ([129.46.92.34]) by grumpy.qualcomm.com
(8.8.3/1.4/8.7.2/1.9) with ESMTP id HAA16081 for <aprssig@tapr.org>; Sun, 1 Dec
1996 07:34:58 -0800 (PST)
X-Sender: rparry@nala.qualcomm.com
Message-Id: <v03007800aec755d0f2ba@[129.46.92.34]>
In-Reply-To: <19961130.115949.4326.1.aprs@juno.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 1 Dec 1996 07:36:44 -0800
To: aprssig@tapr.org
From: Richard Parry <rparry@qualcomm.com>
Subject: Re: [APRSSIG:6850] Re: PicoPacket w/ internal GPS

Regarding what TNC/GPS to get, I will tell you that 2 weeks ago I ordered a
PicoPacket. At \$555 is was a difficult decision, however, David said it
all below. I felt that given the flexibility, the features, the size, and
Paccomm support it was the right decision. It has not arrived yet however
:)

>David-

>

>

>I have configured many trackers and use several myself, so I thought I'd
>answer your message here in the SIG. Sorry that it is so lengthy but
>there's a lot to say.

>

>Many TNC manufacturers make nice mobile TNCs, including the KPC-3 you
>have. Most of them support some sort of stand alone GPS tracker mode as
>well. I have several of them. I've made suggestions to Kantronics as to
>improvements, but the responses I have received from them indicate that
>what we have is what we will continue to have.

>

>Not so with Paccomm. The Company is very in tune with APRS and gives us
>way more support than any other I have seen.

>

>In most stand alone trackers the GPS serial output is wired directly to
>the TNC's serial input. This makes it difficult to use when you
>occasionally want to run a PC in the car too. It can't be done without
>rewiring the setup. Even then, unless you want to add a second serial
>port to your PC, you must make or adapt an HSP (Hardware Serial Port)
>adapter to allow you to use both the TNC and the GPS together with your
>PC.

>

>Then when you want to go to Tracker mode again, you have to rewire and
>issue the GPS command and power the TNC off and back on. The effort
>discourages flexible operation.

>

>You asked about the Pico Packet. The Pico offers a several unique
>capabilities not found in any other TNC that makes it great for stand
>alone tracker use. It can be gotten with a second serial connection
>which is always connected to your GPS. The TNC is constantly receiving
>the GPS data, holding it and then sending it to the PC as requested.

>

>Both DOS and WIN APRS support this mode by sending a special character to
>the TNC when a position report is desired. The TNC stops sending TNC
>data for a moment, substituting the desired GPS string. I have had
>perfect operation with intervals as short one second (the quickest APRS
>will request it). I use this fast operation when updating maps with GPS
>history.

>

>Because the GPS is always connected to the second serial port, the Pico
>can do another unique trick. Since the Pico knows APRS is operating
>because of the periodic position requests sent to it, it can tell if you
>take the PC away or the PC battery dies or otherwise. After a user
>controllable period of having no requests from the PC, the Pico
>reconfigures itself right into a stand alone tracker. It then uses
>beacon path and interval settings that you have pre loaded . Your entry
>in the APRS P list even gets changed to a / prefix (indicating a
>tracker) from an @ symbol (which indicates that a computer is controlling
>the positions). Your Icon on everyone's map also changes color to that
>of a tracker. I think this is light gray, but can't remember.

>

>I've tried trackers made from every TNC I can find and really believe
>that these features currently make the Pico the best arrangement for a
>mobile unit. Be sure to get the one with the second serial port.
>
>To be fair, I have to blast them a little for not yet having remote sysop
>commands (even the PK12 from AEA has a limited way to do this. Very
>limited, though!) They (Paccomm) are always adding features, so I am
>expecting remote commands and automatic posit rate control based on speed
>to be forthcoming soon. Remember that Paccomm's main business is
>commercial TNCs and Vehicle location, so we Hams benefit from all the
>development they do for that market. This is a case where a person's
>hobby (Ham packet) became a business and now the business developments
>help give something back to the Hams (continued development).
>
>One last thing- the Pico is also available with a built in GPS and
>external active antenna. Up until recently, the GPS did not send the
>\$GPRMC sentence that gives speed and heading info. As an example of
>Paccomm's excellent user support they are going to be upgrading earlier
>versions of the GPS that lacked this and other sentences.
>
> I'm sure you can get more details from gwyn@paccomm.com.
>
>Gosh... it sounds like I work there. I don't ! I just feel that they
>currently give a level of user support unseen from other TNC
>manufacturers. My only other connection is that I gave Linda (Ms.
>Paccomm) a ride to the Amateur testing sessions at the Tampa Hamfest last
>Saturday. That's right- soon she'll be a Ham too. So congratulate and
>encourage her when you call to place your order ;-)
>
>
>73
>
>Ralph
>rwf@mindspring.com
>
>
>
> David/Roxanne McCarthy writes:
>>I am considering getting a second TNC. I currently have a KPC-3 and
>>like the way it works. I want to put together a tracker and wonder if
>>the PicoPacket with internal GPS would be the way to go. Any feedback
>>about the performance about the PicoPacket with or without internal GPS
>>will be appreciated. Thanks in advance.
>>--
>>David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ

Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B
Globalstar/Gateway Reverse Link Software Engineer
Internal Web --> <<http://qcwww/~rparry/>>
External Web --> <<http://www.qualcomm.com/~rparry>>

From jagrelo@cris.com Sun Dec 01 10:44:09 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA21503 for <aprssig@tapr.org>; Sun, 1 Dec 1996 10:44:07 -0600 (CST)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/11/08 1.11))
id LAA16063; Sun, 1 Dec 1996 11:44:04 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Received: from crc3.pop3.net (cnc059039.concentric.net [206.83.77.39])
by cliff.cris.com (8.8.3)
id LAA26348; Sun, 1 Dec 1996 11:44:00 -0500 (EST)
Message-ID: <32A1E14A.25D4@cris.com>
Date: Sun, 01 Dec 1996 11:49:30 -0800
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6844] Starting WinAprs' HSP mode
References: <9126@ko6xs.ampr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ko6xs@ko6xs.ampr.org wrote:

>
> GM all,
> Hope Turkey day was good for u.
> Finally got a chance to play with WinAprs 116. I'm trying to setup a complete
> tracking station in my car using a laptop, Garmin 45, KPC-3 TNC and a Kenwood
> th79ad HT. But when I enable HSP mode in the "settings-serial port" command,
> I get a strange dialog box error message: "Can't SetControllines. Function
> pointer is nil" I've never seen that one. Can anyone help me get this setup
> running?
> Any help at all would be appreciated.
>
> 73s de Jonathan
> ko6xs@ko6xs.ampr.org

Jonathen,

I had the same problem this weekend when I went to use the HPS mode. The problem is that you need the latest .DLL files included with WinAPRS 1.1.7 update, the new serial .DLL file enables the "setcontrollines" command to work with the DTR line used for the switch.

Thanks to Mark Sproul for the solution to this problem over the weekend.

Hope this helps.

73 De Joe N200C-7

From rsellers@rockford.com Sun Dec 01 12:41:28 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA26123 for <aprssig@tapr.org>; Sun, 1 Dec 1996
12:41:18 -0600 (CST)
X-ROUTED: Sun, 1 Dec 1996 12:41:30 -0500
Received: from rsellers [199.190.124.24] by rockford.com with smtp
id AMCICHDO ; Sun, 1 Dec 1996 12:40:40 -0500
Message-Id: <3.0.32.19961201123929.0068b248@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 01 Dec 1996 12:39:31 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:6871] PacComm Kudos (was: PicoPacket w/ i
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Ralph,

In reference to your message to Linda at Paccomm. Nice post!

It's good to see some hams can still offer a kind word and assistance to others. Locally here there's so many problems. You can't hardly say anything to someone in the ham community without causing a rift somewhere. Makes me kinda wish I lived in your part of the country. I think it's great to see an optimist on the sig.

73,

Roger Sellers KB9LBU
email: Home rsellers@rockford.com
KB9LBU@juno.com
Work rsellers@snds.com

From jleonard@tbcnet.com Sun Dec 01 13:34:11 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA28486 for <aprssig@tapr.org>; Sun, 1 Dec 1996
13:34:10 -0600 (CST)
Received: from PR160.tbcnet.com (PR160.tbcnet.com [207.112.227.60]) by
tbc1.tbcnet.com (8.8.3/8.8.2) with SMTP id NAA12011 for <aprssig@tapr.org>; Sun, 1
Dec 1996 13:34:07 -0600
X-Authentication-Warning: tbc1.tbcnet.com: PR160.tbcnet.com [207.112.227.60]
didn't use HELO protocol
Message-Id: <1.5.4.32.19961201193402.006cd4e8@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 01 Dec 1996 13:34:02 -0600

To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:6874] Re: Log File of Cross Country Trip

I saw it...and WOW!!!!
It's incredible how many APRS stations there are in the US and S Canada!

jbl

At 09:32 12/1/96 -0600, you wrote:
>In <912738@bbs.ames.net>, on 11/30/96 at 04:43 PM,
> aprssig@tapr.org said:
>
>><http://www.bridge.net/~sdimse/trip.html>
>
>Just and FYI...I tried it last night and couldn't get it to
>load the dosAPRS map with the OS/2 applet which works fine
>with soeast.html
>
>73,
>
>hasan schiers, NOAN
>-----
>schiers@ames.net
>-----
>

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services - DeKalb Co Chapter

From ke6foa@elite.net Sun Dec 01 16:13:58 1996
Received: from almond.elite.net (root@almond.elite.net [205.199.220.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA05293 for <aprssig@tapr.org>; Sun, 1
Dec 1996 16:13:57 -0600 (CST)
Received: from default (modem24.atw1.elite.net [205.199.221.24]) by
almond.elite.net (8.6.12/ELITE) with ESMTP id OAA01175 for <aprssig@tapr.org>;
Sun, 1 Dec 1996 14:13:58 -0800
Message-Id: <199612012213.0AA01175@almond.elite.net>
From: "Carl " <ke6foa@elite.net>
To: <aprssig@tapr.org>
Subject: Help with Baycom setup.
Date: Sun, 1 Dec 1996 14:15:04 -0800
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Help will be getting a baycom TNC, and need to know if it is set up
for APRS is the same as AEA KAM or other, and if there are any special
tricks, this will be used with Garmin GPS.

Thanks Carl, KE6FOA

73's

From wbliss@coastside.net Sun Dec 01 17:39:21 1996
Received: from poseidon.coastside.net (www.coastside.net [205.162.38.5]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA09983 for <aprssig@tapr.org>; Sun, 1
Dec 1996 17:39:20 -0600 (CST)
Received: from LOCALNAME (tsvr1.coastside.com [205.162.38.32]) by
poseidon.coastside.net (8.6.11/8.6.12) with SMTP id PAA24164 for
<aprssig@tapr.org>; Sun, 1 Dec 1996 15:33:56 -0800
Date: Sun, 1 Dec 1996 15:33:56 -0800
Message-Id: <199612012333.PAA24164@poseidon.coastside.net>
X-Sender: wbliss@mail.coastside.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: MIM & MIC-E

ATTN Siggers..

Browsing some of the APRS WEB home pages, mentioned here
on the sig, and notice a lack of referreels to the MIM or MIC-E
APRs capabilites.

Clements WEB Page

"http://home.navisoft.com/agrelo/clement.htm"

is loaded with very interesting information, pictures and data on
the Mim and Mic-E minature boards, and the new Ver 2.0 surface
mounted even smaller minature TNC board.

May I suggest next time you HOME WEB PAGERS, upgrade your net
info, you mentioned and give a small discription and the URL for the
MIM/MIC-E products.

Could very will stir up more interest in APRS. A recent QST
magazine even has a New Products article on the Mim chip.

P.S. for good black backgrounded maps, check out the DOS APRS
VERSION OF APRS MAPS...Many outstanding maps of the USA areas.

73's & Enjoy, Bill/WB6LPG

NNNN

WBB/WB6LPG

From smithal@ix.netcom.com Sun Dec 01 18:47:35 1996
Received: from dfw-ix2.ix.netcom.com (dfw-ix2.ix.netcom.com [206.214.98.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA13561 for <aprssig@tapr.org>; Sun, 1
Dec 1996 18:47:34 -0600 (CST)
Received: from (smithal@den-co28-47.ix.netcom.com [205.186.121.111]) by dfw-
ix2.ix.netcom.com (8.6.13/8.6.12) with SMTP id QAA19813 for <aprssig@tapr.org>;
Sun, 1 Dec 1996 16:47:01 -0800

Date: Sun, 1 Dec 1996 16:47:01 -0800
Message-Id: <199612020047.QAA19813@dfw-ix2.ix.netcom.com>
From: smithal@ix.netcom.com (Arthur L. Smith)
To: aprssig@tapr.org

TO ALL ON THE SIG:

I have accepted a new challenge (job) in Landstuhl Germany. The "RELAY" at my QTH, N39°37'01.5" / W104°45'41.2", on 145.79, will be off the air effective 12/9 until I return, and I will also un-subscribe before I leave. If I get a recipocal license I will try to initiate APRS in Germany from my QTH and vicinity . When I learn my new email address I will probably re-subscribe to the SIG, but unfortunately, none of the major players here in the states - Prodigy, AOL, Compuserve, Netcom, June, etc. - have points of presence (POP) connection in Germany! I will probably have email at work, but it probably will not be possible for me to subscribe to the SIG due to the volume of postings.

I am taking my APRS, 2m and HF gear with me if I get the license in time, so maybe you will see me on 10.151 mhz. I requested info from ARRL on the 22nd but have had no answer yet on the license.

Art, KB1TX
at least for now - smithal@ix.netcom.com

From rwf@mindspring.com Sun Dec 01 19:38:20 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA16386 for <aprssig@tapr.org>; Sun, 1 Dec 1996 19:38:17 -0600 (CST)
From: rwf@mindspring.com
Received: from default (borg.mindspring.com [204.180.128.14]) by mule0.mindspring.com (8.8.2/8.7.3) with SMTP id BAA18132 for <aprssig@tapr.org>; Mon, 2 Dec 1996 01:38:03 GMT
Message-Id: <3.0.32.19961201203641.007241f8@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 01 Dec 1996 20:38:30 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6879] Help with Baycom setup.
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry, Carl-

Unless Baycom has come out with a TNC (I don't think so), you are out of luck right now. A Baycom is not a TNC- its only the Modem part of a TNC. The unit relies on software in your PC to do the rest of the job. It will not work with any version of APRS that is currently out here.

I recall a message from someone who (I think) mentioned that he was working on a program that uses APRS protocols and I think he mentioned a Baycom.

Go ahead and spring for a low cost regular TNC. You'll be able to stay on

the map with APRS even when the computer is off.

Ralph- N4NEQ

At 04:18 PM 12/1/96 -0600, you wrote:

> Help will be getting a baycom TNC, and need to know if it is set up
>for APRS is the same as AEA KAM or other,
<snip>

From hk3gal@ibm.net Sun Dec 01 20:19:04 1996

Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA18785 for <aprssig@tapr.org>; Sun, 1
Dec 1996 20:19:03 -0600 (CST)

Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
CAA163674 for <aprssig@tapr.org>; Mon, 2 Dec 1996 02:19:01 GMT

Received: from slip166-72-54-78.co.ibm.net(166.72.54.78) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)

id sma8lcDFW; Mon Dec 2 02:18:41 1996

Message-ID: <32A23BEE.1891@ibm.net>

Date: Sun, 01 Dec 1996 21:16:14 -0500

From: gerardo arias <hk3gal@ibm.net>

X-Mailer: Mozilla 3.01 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6155] APRS SIG Sign-up

References: <19961104.190748.2303.0.bblliss@juno.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

>
> "
>
>
>
>
> "unsubscribe aprssig Gerardo , Arias. "
>
>>
>

From bruninga@nadn.navy.mil Mon Dec 02 08:49:06 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA21902 for <aprssig@tapr.org>; Mon, 2
Dec 1996 08:49:05 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id JAA13578 for <aprssig@tapr.org>; Mon, 2 Dec 1996
09:48:06 -0500 (EST)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Mon, 2 Dec 1996 09:48:06 -0500 (EST)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6827] Registration number for Vanity Call

In-Reply-To: <199611291520.JAA01976@austin.aus.sig.net>
Message-ID: <Pine.GS0.3.95.961202094624.1123G-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 29 Nov 1996, Dick Foster wrote:

> I have recently received my 5th district Vanity call XXXXX
>
> Since I am probably not the only one encountering this problem,
> you may want to post something at "aprssig".

APRSDos REPLY/COMMENT: The subject is covered in both REGISTER.txt and in the F1-HELP-VALIDATION help screen. Well, at least I think it is, hi hi...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From 73563.3352@CompuServe.COM Mon Dec 02 09:02:46 1996
Received: from arl-img-3.compuserve.com (arl-img-3.compuserve.com [149.174.217.133]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA22435 for <aprssig@tapr.org>; Mon, 2 Dec 1996 09:02:45 -0600 (CST)
Received: by arl-img-3.compuserve.com (8.6.10/5.950515) id KAA18099; Mon, 2 Dec 1996 10:02:14 -0500
Date: 02 Dec 96 10:00:48 EST
From: Dave Taylor <73563.3352@CompuServe.COM>
To: aprssig <aprssig@tapr.org>
Subject: What is a boy to choose
Message-ID: <961202150047_73563.3352_FHD43-2@CompuServe.COM>

Hi

I have been fooling around with both aprs75c and winaprs117. Is there a document which outlines the feature differences between these packages and also between javaaprs. From my testing I seem to like winaprs but aprs seems to have different features. Also how can I get better maps. I have rand mcnally streetfinder and it would be interesting to convert those maps for aprs use. I will also be getting the delorme kit which includes the gps. any ideas to improve map granularity would be appreciated.

Thanks

Dave
N1fcc

From sproul@ap.org Mon Dec 02 09:48:01 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA24580 for <aprssig@tapr.org>; Mon, 2 Dec 1996 09:47:58 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id KAA14576; Mon, 2 Dec 1996 10:41:44 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007805aec8a69614ec@[165.1.27.20]>

In-Reply-To: <961202150047_73563.3352_FHD43-2@CompuServe.COM>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 2 Dec 1996 10:33:38 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:6885] What is a boy to choose
Cc: 73563.3352@compuserve.com

>Hi
>
>I have been fooling around with both aprs75c and winaprs117. Is there a
>document which outlines the feature differences between these packages and
>also
>between javaaprs. From my testing I seem to like winaprs but aprs seems
>to have
>different features. Also how can I get better maps. I have rand mcnally
>streetfinder and it would be interesting to convert those maps for aprs
>use. I
>will also be getting the delorme kit which includes the gps. any ideas to
>improve map granularity would be appreciated.
>
>Thanks
>
>Dave
>N1fcc

The intention of Mac/WinAPRS is to have all of the functionality of APRS, I feel that we do have MOST of them. We do not have support for meteor scator or space mode and are probably not going to implement them anytime soon.

We have a CD-ROM full of maps down to the street level and we have been making more maps for people if they are not on the CD-ROM.

These maps for WinAPRS are down to the street level, VERY detailed and some very large.

I am working on documentation for WinAPRS a lot lately and will be adding some feature comparison info mainly for people used to APRS so they can find the equivalent in WinAPRS, this wont be done for awhile yet.

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bruninga@nadm.navy.mil Mon Dec 02 10:05:39 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25468 for <aprssig@tapr.org>; Mon, 2
Dec 1996 10:05:36 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id LAA26696 for <aprssig@tapr.org>; Mon, 2 Dec 1996
11:04:36 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 2 Dec 1996 11:04:36 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS77e and config
Message-ID: <Pine.GSO.3.95.961202110059.1123R-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I made a mistake in 77d which made it not save and load its config file
properly. Hopefully I tried to fix that in 77e.

There seems to be lots of discussion, but if you start 77e from scratch
(APRS77E/new) then all should be OK...

Some of the messages I have seen are confusing... If its still broke,
tell me again... hi hi..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Dec 02 11:03:56 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA28753 for <aprssig@tapr.org>; Mon, 2
Dec 1996 11:03:54 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id MAA08076 for <aprssig@tapr.org>; Mon, 2 Dec 1996
12:02:54 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 2 Dec 1996 12:02:54 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRSdos compressed maps
Message-ID: <Pine.GSO.3.95.961202113726.2658A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For years, APRSdos maps could be saved in either a normal or compressed
format. The advantage of the compressed format is that the file was about
50% as big and loaded twice as fast from disk. The disadvantage was that
I had never finished fixing MAPFIX.exe to be able to TASK-OVERLAY and

TASK-IMPORT directly from a compressed map. You had to uncompress it first.

Since those mapfix commands are very powerful, I just continued to distribute maps in the normal format so that I wouldnt be hampered in my mapmaking. Also, since my distribution files are ZIPPED, you achieved the same compressiong and so nothing was gained during distribution..

BUT now, over 3 days of TNXgiving, I finally fixed MAPFIX29 to fully handle the compressed map format, so I spent days loading and re-saving all of my standard MAPS to the compressed format. You will see these maps and the new MAPFIX in a week or so... the normal user will see NOTHING new, all of this is transparent to the user.... unless he is a mapmaker...

The formats are very similar, the only thing I do is convert the two, 3/4 digit X,Y values for every point into THREE ASCII characters. This gives an 8 to 4 (including the CR on each line) reduction in the number of bytes per map point...

ORIGINAL FORMAT: XXX,YYY Could be any +/- integer value but mapmakers were encouraged to keep them between 0 and 999 to keep the number of bytes to 3 or less

NEW FORMAT:

abc	Where:	a = 27+INT(XXX/16)	Rx = remainder
		b = 27+INT(YYY/8)	Ry = remainder
		c = 27+(8*Rx + Ry)	

Notice that I add 27 to all three characters so that the results are all printable ascii characters. This process places limits on the original XXX,YYY values as follows:

```
XXXX had to be between 0 and 3600
YYYY had to be between 0 and 1800
```

My documentation has been saying for years to keep your points between 0 and 2048 and 1024, but on looking in detail, the above values to almost 3600 and 1800 are permitted. MAPFIX29 draws the yellow limit box to these new limits. If your map does not fit entirely within the yellow box, MAPFIX will not let you compress it (shift-F3). Thats why I had to load EVERY one of my 300 maps and use the CHANGE-ORIGIN command on many of them to rescale all the points to fit within the limits.

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From sdimse@bridge.net Mon Dec 02 13:29:13 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA04928 for <aprssig@tapr.org>; Mon, 2 Dec 1996 13:29:12 -0600 (CST)

Received: from [199.174.159.163] (ad41-163.compuserve.com [199.174.159.163]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id 0AA07282 for <aprssid@tapr.org>; Mon, 2 Dec 1996 14:29:05 -0500 (EST)

Message-Id: <199612021929.0AA07282@newworld.bridge.net>

Subject: Re: [APRSSIG:6886] Re: What is a boy to choose
Date: Mon, 2 Dec 96 14:29:06 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>>I have been fooling around with both aprs75c and winaprs117. Is there a
>>document which outlines the feature differences between these packages and
>>also
>>between javaaprs. From my testing I seem to like winaprs but aprs seems
>>to have
>>different features. Also how can I get better maps. I have rand mcnally
>>streetfinder and it would be interesting to convert those maps for aprs
>>use. I
>>will also be getting the delorme kit which includes the gps. any ideas to
>>improve map granularity would be appreciated.
>>
>>Thanks
>>
>>Dave
>>N1fcc

javAPRS is not intended as a competitor Mac/WinAPRS/dos. I would go nuts trying to match the feature sets in those programs, plus writing in Java provides some serious limitations, like no serial I/O! Interpreted Java is also very slow compared to compiled C used in Mac/WinAPRS and the compiled basic used in APRSdos.

Bob faces some serious limitations himself in programming APRSdos. Foremost is the dos limitations on 640k. Many of my MacAPRS maps are bigger than that, and all take more system memory when loaded (TSB [The Sproul Brothers] use triple buffering to speed up screen redraws for the maps). Java grabs 6 MBs on my system before it will even run a simple text applet. It is simply amazing how much Bob has been able to cram into APRSdos, espically since, unlike TSB (or once upon a time myself), Bob is not a professional programmer. He would have been a great one! Unfortunately, bigger maps just aren't in the cards for APRSdos.

javAPRS likewise will never be able to open the large maps that Mac/WinAPRS support. It does, however, support a feature that allows it to display, on demand, a detailed street map of any area, obtained from the census bureau's TIGER map site. There are some (for now) serious limitations with this. See:

<http://www.bridge.net/~sdimse/tiger.html>

for a sample and discussion of the problems.

Everyone's ideal is to use a CD rom and have the maps draw as quickly with as much detail. The programming skill required to jam an entire US

ATLAS on a CD ROM is enormous, and the companies that have done this have an enormous investment in their program. They won't just tell us how it's done so we can decode the data within our programs. There is one bright spot on the horizon though, one of the companies (Precision Mapping) does provide a programming kit that may be able to be incorporated into one or more of the APRS family of programs. If it is done, you can bet it will be announced on the SIG.

In any case, the final choice between WinAPRS and APRSdos comes down to a matter of taste. I've been doing APRS for more than 4 years now. I liked the program so much I actually bought a PC just to run it (quite a concession for a Mac guy). But being a Mac guy it drove me nuts not to be in a windowed environment. I also hated the black background. (A couple days ago someone rather crisply critisized TSB for the lack of this option, but it is entirely a matter of what you are used to. I had never considered drawing javAPRS maps on a black background until I released it with a light background typical of Mac/Windows programs and was promptly roasted by the legions of users who are accustomed to APRSdos.) Mac/WinAPRS will eventually support almost all of what APRSdos does, but it is a matter of priorities. Remember that APRSdos has been around 5 years or so longer than WinAPRS, and be patient.

73 de Steve K4HG

From sdimse@bridge.net Mon Dec 02 13:36:10 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA05394 for <aprssig@tapr.org>; Mon, 2 Dec 1996 13:36:08 -0600 (CST)
Received: from [199.174.159.163] (ad41-163.compuserve.com [199.174.159.163]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id OAA08036 for <aprssig@tapr.org>; Mon, 2 Dec 1996 14:35:59 -0500 (EST)
Message-Id: <199612021935.OAA08036@newworld.bridge.net>
Subject: Re: [APRSSIG:6888] APRSdos compressed maps
Date: Mon, 2 Dec 96 14:36:00 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>

>For years, APRSdos maps could be saved in either a normal or compressed
>format. The advantage of the compressed format is that the file was about
>50% as big and loaded twice as fast from disk. The disadvantage was that
>I had never finished fixing MAPFIX.exe to be able to TASK-OVERLAY and
>TASK-IMPORT directly from a compressed map. You had to uncompress it
>first.

>

If you are planning to use maps with javAPRS, be sure to save a copy in uncompressed format, as javAPRS does not handle the compressed format. It may be twice as fast under APRSdos, but under java it would be slower. If enough of these maps are made I will update the program to handle them,

but that will be a long time in the future, I have many other things to do the javaAPRS and APRServe that are a much higher priority.

Steve K4HG

From sproul@ap.org Mon Dec 02 14:18:14 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA07335 for <aprssig@tapr.org>; Mon, 2 Dec 1996 14:18:12 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id PAA27033; Mon, 2 Dec 1996 15:11:58 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007817aec8e6c52951@[165.1.27.20]>
In-Reply-To: <199612021929.OAA07282@newworld.bridge.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 2 Dec 1996 15:14:19 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: javaAPRS vs WinAPRS vs dosAPRS

-MUCH deleted

here here, very well said Steve, but you cant even get your own URL write, its

><http://www.bridge.net/~sdimse/tiger.html>
>

not
><http://www.bridge.net/~sdimse/tiger.html>
>

(you had a / were a . belonged)

dosAPRS came out in september 1992
MacAPRS came out in 1994
WinAPRS came out in early 96, so its 4 years, not 5
X-APRS Hopefully will be out in 1997 (dont hold me to it)

xxxAPRS has evolved QUITE well over the last few years, Bob has done a wonderful job "marketing" the idea and getting it going in many aspects. Bob and us (The Sproul Brothers) have a very good relationship and work together on issues of protocol and compatibility which of course is paramount to our users. The future looks very good for all flavors, obviously as Steve pointed out, there will be some features that dos just cannot handle, but some laptops and other low-end machines just cant handle WinAPRS and some people just prefer dos. With the cooroperation that we have developed and the rather wonderful support we have from our followers things are looking very bright.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From dkaplan@pionet.net Mon Dec 02 15:23:32 1996
Received: from elwood.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA10877 for <aprssig@tapr.org>; Mon, 2 Dec 1996 15:23:30 -0600 (CST)
Received: from pm3_170.pionet.net by elwood.pionet.net (5.65v3.2/1.1.10.5/250ct96-0835PM)
id AA28713; Mon, 2 Dec 1996 15:26:11 -0600
Date: Mon, 2 Dec 1996 15:26:11 -0600
Message-Id: <9612022126.AA28713@elwood.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: WBOWNX-7 Schedule

Please remember, this is a tracker only. Running 2 watts into a rubber duck at an average of 16,000. Aircraft is Piper Mojave PA31P-350.

Tuesday Sioux City to Kansas City (Departing SUX 0700).

Wed Kansas City to Oklahoma City (Departing OJC 0630).

Thursday Oklahoma City to Kansas City to Sioux City. (departing Approx 1300)

Friday Sioux City to Cincinatti (Shrine Burn Hospital) to Sioux City.

Would appreciate any and all traks data files to be E-Mailed to me.

Dave
WBOWNX-7
Mojave Airmobile.
Listening 54 Simplex

From sdimse@bridge.net Mon Dec 02 17:07:04 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id RAA16078 for <aprssig@tapr.org>; Mon, 2 Dec 1996 17:07:02 -0600 (CST)
Received: from [199.174.159.163] (ad41-163.compuserve.com [199.174.159.163]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id SAA08412 for <aprssig@tapr.org>; Mon, 2 Dec 1996 18:06:42 -0500 (EST)
Message-Id: <199612022306.SAA08412@newworld.bridge.net>

Subject: Re: [APRSSIG:6891] Re: javaAPRS vs WinAPRS vs dosAPRS
Date: Mon, 2 Dec 96 18:06:43 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>here here, very well said Steve, but you cant even get your own URL write,
>its
>
>><http://www.bridge.net/~sdimse/tiger.html>
>>

True, but at least I know the difference between right and write! ;-)

Thanks for the correction, and the future is indeed bright (so bright I
gotta wear shades!)

Steve K4HG

From ku0g@sprynet.com Mon Dec 02 17:17:11 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA16327 for <aprssig@tapr.org>; Mon, 2 Dec 1996
17:17:08 -0600 (CST)
Received: from JIMDUNCA (ts1-p38.wwi.net [204.153.64.139]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id PAA24424 for <aprssig@tapr.org>; Mon, 2 Dec 1996
15:16:59 -0800
Date: Mon, 2 Dec 1996 15:16:59 -0800
Message-Id: <199612022316.PAA24424@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:6892] WB0WNX-7 Schedule

We'll be watching throughout northwest Missouri tomorrow and look forward to
working you direct. Which "54" do you mean???

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From BordingK@aol.com Mon Dec 02 18:23:06 1996
Received: from emout20.mail.aol.com (emout20.mx.aol.com [198.81.11.46]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA19870 for <aprssig@tapr.org>; Mon, 2
Dec 1996 18:23:04 -0600 (CST)
From: BordingK@aol.com
Received: by emout20.mail.aol.com (8.6.12/8.6.12) id TAA15225 for

aprssig@tapr.org; Mon, 2 Dec 1996 19:22:34 -0500
Date: Mon, 2 Dec 1996 19:22:34 -0500
Message-ID: <961202192233_1587689243@emout20.mail.aol.com>
To: aprssig@tapr.org
Subject: SE Alabama Digi

1. Good to see the Wiregrass area of SE Alabama now on APRS.
2. WD4R0J appears to be up as a Wide digi in Enterprise, AL and the Florida Panhandle as will as Columbus, GA are now visible in central Alabama.

de KF4COH
Ken (normally in Jax, but TDY at OZR!)

From kkelly@radix.net Mon Dec 02 18:51:26 1996
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21247 for <aprssig@tapr.org>; Mon, 2 Dec 1996 18:51:24 -0600 (CST)
Received: from [206.62.179.54] (dialin27.annex5.radix.net [206.62.179.54]) by news1.radix.net (8.8.3/8.8.3) with SMTP id TAA14121 for <aprssig@tapr.org>; Mon, 2 Dec 1996 19:53:24 -0500 (EST)
Message-Id: <199612030053.TAA14121@news1.radix.net>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: Tripmate init string?
Date: Mon, 02 Dec 96 19:49:27 -0500
From: Kevin Kelly <kkelly@radix.net>
X-Mailer: E-Mail Connection v3.1

-- [From: Kevin Kelly * EMC.Ver #3.1] --

Greetings SIG

With all the excitement over the Delorme "Tripmate" (I got mine today) I thought you may find it useful to know that most all PacComm tnc's have a command called GPSITEXT. It allows up to 40 characters to be sent to the attached GPS immediately after the packet controller is powered on. This command holds the setup command string to be sent via the asynchronous serial port to the attached GPS. There are no constraints placed on the content to the field by the packet controller except that the length not exceed 40 characters. The TNC does need to be set to the GPS mode.

I am using the PacComm aftermarket GPS eprom for the Heathkit HK-21 pocket tnc.

Anybody out there know what the Init string for the tripmate is? Hopefully it isn't over 40 characters.

73,
Kevin Kelly/N6QAB
kkelly@radix.net

From largriff@swta.com Mon Dec 02 20:23:14 1996

Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA25685 for <aprssig@tapr.org>; Mon, 2 Dec 1996 20:23:12 -0600 (CST)

Received: from red132.onramp.net (red132.onramp.net [206.104.118.132]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id UAA15938 for <aprssig@tapr.org>; Mon, 2 Dec 1996 20:23:03 -0600 (CST)

Received: by red132.onramp.net with Microsoft Mail
id <01BBE08E.972B5D40@red132.onramp.net>; Mon, 2 Dec 1996 20:22:50 -0600

Message-ID: <01BBE08E.972B5D40@red132.onramp.net>

From: Larry Griffin <largriff@swta.com>

To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: RE: [APRSSIG:6896] Tripmate init string?

Date: Mon, 2 Dec 1996 20:22:39 -0600

Encoding: 64 TEXT

Kevin wrote:

>Anybody out there know what the Init string for the tripmate is?

Kevin, here is a repost from WB1HBU

Hello,

The unit seems to lock on the satellites reasonably fast. I downloaded the New England area onto my laptop and the moving map display is neat.

I should also mention that this unit does not have any controls on it so it cannot be used for hiking, etc unless you tote another computer along.

I hooked it up to a comm analyzer and played a little. Communications are 4800 baud using ASCII characters so far. The serial port does not assert handshaking signals so hardware handshaking should not be used.

Power control appears to be the DTR line. Asserting DTR powers up the unit and it sends three NMEA messages (PRWIRID, GPRMC, and PRWIZCH) then keeps sending a non-NMEA formatted character string until it receives a \$IIGPQ message with the character string. I was able to program a function key on the windows terminal to send the string and NMEA sentences poured out of the receiver.

NMEA messages beginning with P are reserved for manufacturer's messages. RWI, I believe, is Rockwell International

The II prefix on the computer response message is the NMEA code for Integrated Instrumentation. I cannot get a listing for what a GPQ message is. The "non-NMEA formatted message" may be a valid way for a device to hand off talking to another unit under NMEA. NMEA only allows one talker at a time.

Some of the NMEA sentences:

PRWIRID seems to contain number of channels, version number and software
build date RID could be a mnemonic for Receiver ID

PRWIZCH twelve sets of what seems to be satellite PRN and a
single digit code. Could be a channel status.

GPRMC, GPGSA, GPGGA, GPGSV Standard NMEA fare.

I need to log the output as no doubt almanac and other messages
are sent. I also have a Garmin 45 and may set it up so I can
log the output of both units and do some comparisons.

Wayne, WA2N/5 mentioned to me:

>Here's a good place for GPS info, NMEA specs and shareware:

> <ftp://sundae.triumf.ca/pub/peter/index.html>

> Also, check out the newsgroup sci.geo.satellite-nav

The newsgroup currently has discussions on SA 4.0 and Tripmate.

I have used several Delorme products for years. Street Atlas 1.0
was the reason I bought a CDRom Drive. I had a few problems with
the software, but it is a great product that keeps getting better.

73 Eric eac@shore.net WB1HBU

From dkaplan@pionet.net Mon Dec 02 21:03:50 1996

Received: from elwood.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA27866 for <aprssig@tapr.org>; Mon, 2 Dec 1996
21:03:48 -0600 (CST)

Received: from pm3_177.pionet.net by elwood.pionet.net
(5.65v3.2/1.1.10.5/250ct96-0835PM)

id AA10807; Mon, 2 Dec 1996 21:06:10 -0600

Date: Mon, 2 Dec 1996 21:06:10 -0600

Message-Id: <9612030306.AA10807@elwood.pionet.net>

X-Sender: dkaplan@elwood.pionet.net

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Dave Kaplan <dkaplan@pionet.net>

Subject: Re: [APRSSIG:6894] Re: WB0WNX-7 Schedule

At 05:25 PM 12/2/96 -0600, you wrote:

>We'll be watching throughout northwest Missouri tomorrow and look forward to
>working you direct. Which "54" do you mean???

>

Small problem--I CAN'T FIND MY HANDHELD! Last time I used it was about a
month ago. Could I have left it on the car top and driven away?

I will still be running the tracker but now looks like I will leave KC about
1700 for OKC tomorrow evening rather than waiting for Wed AM.

Dave

From eac@shore.net Mon Dec 02 21:08:41 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27989 for <Aprssig@Tapr.Org>; Mon, 2
Dec 1996 21:08:39 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id WAA17080; Mon, 2 Dec 1996 22:08:38
-0500 (EST)
Received: from pm4-97 (pm4-97.lynnma.shore.net [204.167.109.97]) by
northshore.shore.net (8.8.3/8.8.3) with SMTP id WAA06617; Mon, 2 Dec 1996 22:08:35
-0500 (EST)
MIME-Version: 1.0
Date: Mon, 02 Dec 1996 22:17:45 -0400
To: kkelly@radix.net
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:6896] Tripmate init string?
Message-Id: <849583065-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <849583065-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

The init string is "\$IIGPQ,ASTRAL<cr/lf>", where <cr/lf> represent a
carrage return and line feed characters. Also do not enter
the " characters.

73 Eric Cottrell WB1HBU

From vodall@juno.com Mon Dec 02 21:18:01 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA28331 for <aprssig@tapr.org>; Mon, 2
Dec 1996 21:17:57 -0600 (CST)
From: vodall@juno.com
Received: (from vodall@juno.com) by x4.boston.juno.com (queuemail)
id VAA15626; Mon, 02 Dec 1996 21:11:31 EST
To: aprssig@tapr.org
Date: Mon, 2 Dec 1996 14:53:04 MST
Subject: X1J TheNet questions
Message-ID: <19961202.145308.4367.0.vodall@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-3,5,7-13

Is there any summary of how to configure an X1J node for digi use by
APRS?

Is there any way to force the packets out the RS232 port instead of the
HDLC
port? It would be helpful if there was a way to send the packets up on

one
frequency of a node stack and have them come out another.

73,
Bill - WA7NWP
vodall@juno.com

From bruninga@nadm.navy.mil Mon Dec 02 22:30:52 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA02437 for <aprssig@tapr.org>; Mon, 2
Dec 1996 22:30:50 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id VAA26864 for <aprssig@tapr.org>; Mon, 2 Dec 1996
21:46:15 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 2 Dec 1996 21:46:14 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Virginia DIGI problem
Message-ID: <Pine.GS0.3.95.961202214403.25281D-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While traveling to Charlottesville through Northern VA, I occassionally
QSY'ed the 2m voice rig with the Mic-E over to 145.79 so that I could
report my posit back home. What I heard in the Fredericksburg area was a
WIDE digi with a TXD of at least a full SECOND! Can someone down there
identify that and get the sysop to cut it back to something reasonable
like 300 ms or less. It is cutting channel capacity in half in that
area...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From james-m@ix.netcom Tue Dec 03 00:19:11 1996
Received: from dfw-ix11.ix.netcom.com (dfw-ix11.ix.netcom.com [206.214.98.11]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA11639 for <aprssig@tapr.org>; Tue, 3
Dec 1996 00:19:09 -0600 (CST)
Received: from #james-m (sav-ga1-19.ix.netcom.com [205.184.8.51]) by dfw-
ix11.ix.netcom.com (8.6.13/8.6.12) with ESMTP id WAA17803 for <aprssig@tapr.org>;
Mon, 2 Dec 1996 22:18:28 -0800
Message-Id: <199612030618.WAA17803@dfw-ix11.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:6867] Re: Colors on WinAPRS
Date: Mon, 2 Dec 1996 19:10:44 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Mark

My personal preference is for a black background. I like to leave the APRS screen up all the time, and find that a black background is easier to view. Grey would be little if any better than the current white screen. Please don't implement this change just for me. I fully well understand that you can not support all the requests that come into you, and understand that you have to establish programming priorities.

I also now see that my first impression about your concern for potential users and user of WinAprs was wrong. You evidently to concern yourself with their suggestions and wants..

I will keep checking the features list, and who knows maybe one of these days you can get caught up enough with the others features to make the changing of screen colors an option in WinAprs, and I will then give it another try..

Thanks
Don

> From: Mark Sproul <sproul@ap.org>
> To: Don Murray <james-m@ix.netcom.com>
> Subject: Re: [APRSSIG:6867] Re: Colors on WinAPRS
> Date: Monday, December 02, 1996 2:04 PM
>
> >Yes, I don't intend to register or use your program simply because of
the
> >colors.. That white background places a strain on my eyes, and it makes
> >all the other colors appear muddled. BTW I am using a NEC 2FGX monitor
and
> >there is nothing wrong with it..
> >
> >And to be quite honest with you mark, the manner in which you originally
> >answered my question leads me to believe that you don't really care much
> >for anyone suggesting that changes be made to your program.
> >
> >Now I may be wrong in my observation , and it really doesn't matter.
You
> >program it, you set it up the way you want it to look, and I, if I don't
> >like the looks of it, will simply not purchase or use it.. Simple
enough..
> >
> >Good luck with your program, it has some real nice features (I
particulary
> >like the Weather window), but for me it has one major drawback that
makes
> >me disregard it out of hand..
> >
> >Don
> >

> >
> >
>
> Don
>
> First and foremost, I DO listen to requests from users and I sincerely
> appologize if you got that impression, it was NOT inteneded.
>
>
> I looked back at my responses and I dont see how you thought that but it
> doesnt matter, your precipion of what I said is what matters and I did
NOT
> mean it that way. Please realize that I get over 100 emails a day and
> sometimes answer them short and to the point. If you have been reading
the
> sig about WinAPRS you should have seen that over the last month or two I
> have sent out EXPLICIT requests for input from users and there have been
> SEVERAL things which have changed recently directly from user input.
>
> As I stated earlier, your request for background colors was the 2nd
serious
> request, there have been three others that have said "it would be nice",
> thats a total of 5 requests. Dont get me wrong, I will consider it but
> there are many other things that I have much higher requests for. Do you
> specifically want BLACK or just something other than white (i.e. light
> grey).
>
> >From the VERY BEGINNING of WinAPRS, I have strived to follow proper
WINDOWS
> programming conventions and user interface conventions, while I admit
that
> I dont have them all perfect, I am doing the best that I can.
>
>
>
> Do you use Windows or primarily DOS? If you are using Windows, how have
> you gotten around white backgrounds in other programs? (maybe you know
> something I dont that could help out here).
>
>
> I am just getting started on the next major improvement which is MAP
> DISPLAY OPTIONS, this would be EXACTLY where background color would be
> setif I were to add that feature, if LIGHT GREY would do the trick for
you,
> where I can still draw text in black, I will try (not promise) to get in
> the next release. If you really need BLACK, its going to be much harder
> (as explained in my previous message).
>
>
> I hope I have made it clear that I do listen and implement whats
resonable
> and most requested.
>
>

> Sincerely
>
> Mark Sproul
>
>
>

> Mark Sproul |Amateur Radio: KB2ICI
> Software Engineer @ Assoc Press |
> sproul@ap.org |Work: 609-860-7120
> North Brunswick, NJ |Fax: 609-860-7129
> http://msproul.rutgers.edu/
>

>
>

From ddoulou@gte.net Tue Dec 03 01:43:52 1996
Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id BAA17121 for <aprssig@tapr.org>; Tue, 3 Dec 1996
01:43:51 -0600 (CST)
Received: from maximus (clw232011.gte.net [207.115.232.11]) by smtp.gte.net
(SMI-8.6/) via SMTP id BAA02236 for <aprssig@tapr.org>; Tue, 3 Dec 1996 01:43:49
-0600
Message-ID: <32A3DB5A.1107@gte.net>
Date: Tue, 03 Dec 1996 02:48:42 -0500
From: Demos Doulou <ddoulou@gte.net>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6902] Re: Colors on WinAPRS
References: <199612030618.WAA17803@dfw-ix11.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don Murray wrote:

>
> Mark
>
> My personal preference is for a black background. I like to leave the APRS
> screen up all the time, and find that a black background is easier to
> view. Grey would be little if any better than the current white screen.
> Please don't implement this change just for me. I fully well u

I to would like a black background. I also would like to be able to
change the colors and fonts for all screens.

Demos KR4US
kr4us@amsat.org
Pinellas County RACES Radio Officer

From sproul@ap.org Tue Dec 03 08:28:25 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA29971 for <aprssig@tapr.org>; Tue, 3 Dec 1996 08:28:24 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id JAA06391; Tue, 3 Dec 1996 09:22:12 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007802aec9e55642be@[165.1.27.20]>
In-Reply-To: <199612030053.TAA14121@news1.radix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 3 Dec 1996 09:14:42 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Tripmate GPS unit

I want everyone to know that Keith got the tripmate to work perfectly with Mac/WinAPRS, the next release (in about 2 weeks) will have full support for it. So for those people who have yet to write to Santa Clause, it will be a good stocking stuffer.

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From eac@shore.net Tue Dec 03 10:03:59 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA04118 for <Aprssig@Tapr.Org>; Tue, 3 Dec 1996 10:03:57 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id LAA06156; Tue, 3 Dec 1996 11:03:56 -0500 (EST)
Received: from pm3-61 (pm3-61.lynnma.shore.net [204.167.109.61]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id LAA02181; Tue, 3 Dec 1996 11:03:52 -0500 (EST)
MIME-Version: 1.0
Date: Tue, 03 Dec 1996 11:13:03 -0400
To: ddoulou@gte.net
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:6903] Re: Colors on WinAPRS
Message-Id: <849629583-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <849629583-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

I would think that the program would take on the default background from the color scheme so if you make the windows background black then that would do it. You would have to change some of the other colors like text to white.

73 Eric WB1HBU eac@shore.net

From sdimse@bridge.net Tue Dec 03 11:24:51 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA07416 for <aprssig@tapr.org>; Tue, 3 Dec 1996 11:24:39 -0600 (CST)
Received: from [199.174.149.118] (dd07-118.compuserve.com [199.174.149.118]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id MAA08726 for <aprssig@tapr.org>; Tue, 3 Dec 1996 12:23:44 -0500 (EST)
Message-Id: <199612031723.MAA08726@newworld.bridge.net>
Subject: Re: [APRSSIG:6905] Re: Colors on WinAPRS
Date: Tue, 3 Dec 96 12:23:45 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I would think that the program would take on the default background from
>the color scheme so if you make the windows background black then
>that would do it. You would have to change some of the other
>colors like text to white.

>

Actually, what I had to go through to do it in java was much more involved. Don't forget, the icons need to be different...for the white background many have a black border that disappears on a black background. Also many of the map colors do not show as well, and need to be adjusted. I would guess it would be even worse to do for Windows.

Personally, I like white, and I would rather see Keith and Mark work on something more important to the operation of the program.

Steve K4HG

From crh@hpcvscrh.cv.hp.com Tue Dec 03 11:36:52 1996
Received: from hp-cv.cv.hp.com (hp-cv.cv.hp.com [15.255.72.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA07981 for <aprssig@tapr.org>; Tue, 3 Dec 1996 11:36:49 -0600 (CST)
Received: from hp-pcd.cv.hp.com (hp-pcd.cv.hp.com [15.0.200.33]) by hp-cv.cv.hp.com (8.8.4/8.8.0) with ESMTP id JAA04732 for <aprssig@tapr.org>; Tue, 3 Dec 1996 09:36:48 -0800 (PST)
Received: from hpcvscrh.cv.hp.com by hp-pcd.cv.hp.com with ESMTP (1.37.109.16/15.5+IOS 3.22+OM+CV 1.0) id AA225174607; Tue, 3 Dec 1996 09:36:47 -0800

Received: by hpcvscrh.cv.hp.com
(1.37.109.15/15.5+IOS 3.22[SMTP-rly]+CV 1.0leaf) id AA060004606; Tue, 3 Dec 1996 09:36:47 -0800
From: Ron Henderson <crh@hpcvscrh.cv.hp.com>
Message-Id: <199612031736.AA060004606@hpcvscrh.cv.hp.com>
Subject: RE: Tripmate init string?
To: aprssig@tapr.org
Date: Tue, 03 Dec 1996 9:36:46 PST
X-Mailer: Elm [revision: 109.14]

>With all the excitement over the Delorme "Tripmate" (I got mine today) I
>
>Anybody out there know what the Init string for the tripmate is? Hopefully
>it isn't over 40 characters.

The simplified startup sequence is:

1. assert DTR - powers up unit.
2. Tripmate responds with it's poweron ID and then sends
 ASTRALcrlf
 ASTRALcrlf

Repeatedly until you respond with

ASTRALcrlf
ASTRALcrlf

After sending the ASTRAL's, you can change the Tripmate's assumed position, date and time by sending the PWRIINIT string:

```
/*  
 * TripMate initialization String  
                   DDMM.sss   DDDMM.sss                   HHMMSS DDMMYY  
 * $PRWIINIT,V,,,4435.911,N,12315.536,W,100.0,0.0,M,0.0,T,015931,281196  
 */
```

The time is in utc. The N refers to north latitude, use S for south.
The W refers to west longitude. Use E for east

The *XX checksum can be added, but it's not necessary.

Ron WA7TAS (crh@cv.hp.com)

From zoom@willow.sps.mot.com Tue Dec 03 11:42:33 1996
Received: from spsem02.sps.mot.com (spsem02.sps.mot.com [192.70.231.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA08208 for <aprssig@tapr.org>; Tue, 3 Dec 1996 11:42:26 -0600 (CST)
Received: from mogate.sps.mot.com by spsem02.sps.mot.com (4.1/SMI-4.1/Email 2.1 10/25/93)
 id AA02742 for aprssig@tapr.org; Tue, 3 Dec 96 10:42:15 MST
Received: from emailchd (emailchd.sps.mot.com) by mogate.sps.mot.com (4.1/SMI-4.1/Email-2.0)
 id AA07047 for aprssig@tapr.org; Tue, 3 Dec 96 10:42:13 MST

Received: by willow.sps.mot.com (4.1/SMI-4.1)
id AA00207; Tue, 3 Dec 96 10:36:25 MST
Date: Tue, 3 Dec 1996 10:36:25 -0700 (MST)
From: Chris Terwilliger <zoom@willow.sps.mot.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6869] trimble pcmcia gps
In-Reply-To: <32A1065E.3F31@denver-net.com>
Message-Id: <Pine.SUN.3.91.961203102759.117H-100000@willow>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 30 Nov 1996, George Kammerzell wrote:

> Has anyone out there used a trimble pcmcia gps with
> aprs..DOS or Windows...I have one(thru a hand me
> shell and they want \$380 for their SDK that is just
> a collection of source code segments...would like

The SDK is more than just a collection of source code segments. It includes the necessary windows .dll's and sample code for Visual C/C++, Borland C/C++, and Visual Basic. This kit supports any TSIP compatible Trimble sensor including the PC110 and the SV6 family. Complete documentation is included. I have the kit and am working on some of my own applications.

To be used with APRS it would require the various software authors to include some minimal code in their application to control the PC110 card. It is a very nice receiver and works well. It's nice to have GPS built into your laptop...

Chris, AA7WD
a229aa@email.mot.com

From PEPLASTERS@mail.rkd.snds.com Tue Dec 03 11:42:39 1996
Received: from aero.snds.com (aero.snds.com [198.81.195.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA08216 for <aprssig@tapr.org>; Tue, 3 Dec 1996 11:42:32 -0600 (CST)
Received: by aero.snds.com id AA08005
(InterLock SMTP Gateway 3.0 for aprssig@tapr.org);
Tue, 3 Dec 1996 11:42:26 -0600
Received: by aero.snds.com (Protected-side Proxy Mail Agent-3);
Tue, 3 Dec 1996 11:42:26 -0600
Received: by aero.snds.com (Protected-side Proxy Mail Agent-2);
Tue, 3 Dec 1996 11:42:26 -0600
Received: by aero.snds.com (Protected-side Proxy Mail Agent-1);
Tue, 3 Dec 1996 11:42:26 -0600
Message-Id: <s2a4122e.026@mail.rkd.snds.com>
X-Mailer: Novell GroupWise 4.1
Date: Tue, 03 Dec 1996 11:40:47 -0600
From: Paul Plasters <PEPLASTERS@mail.rkd.snds.com>
To: aprssig@tapr.org
Subject: windows
Mime-Version: 1.0
Content-Type: text/plain

Content-Disposition: inline

Can I "gut" a windows program so as to make winaprs run faster? I want to run it in a mobile setup on a "286" laptop. What files does WINAPRS need? Thanks, Paul WA9FFL wa9ffl@aol.com or aamfapp@snds.com

From COMPTEC95013@camins.Camosun.BC.CA Tue Dec 03 12:00:32 1996
Received: from camins.camosun.bc.ca (camins.camosun.bc.ca [204.174.57.253]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA09245 for <aprssig@tapr.org>; Tue, 3 Dec 1996 12:00:31 -0600 (CST)
From: COMPTEC95013@camins.Camosun.BC.CA
Received: from camins.Camosun.BC.CA by camins.Camosun.BC.CA (PMDf V5.0-4 #3258) id <01ICKI4734I8000TA0@camins.Camosun.BC.CA> for aprssig@tapr.org; Tue, 03 Dec 1996 09:59:54 -0700 (PDT)
Date: Tue, 03 Dec 1996 09:59:54 -0700 (PDT)
Subject: Communicating with GPS
To: aprssig@tapr.org
Message-id: <01ICKI474GQA000TA0@camins.Camosun.BC.CA>
X-VMS-To: IN%"aprssig@tapr.org"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Hello

We have a serial connect from our computer and the Micrologic Admiral GPS. In the data string coming in some correct data is visible but there is a lot of corruption in the strings. Our baud rate is correct, the data strings are corrupted in both the Windows Terminal Program and DOS APRS. Is there something we are setting incorrectly, our parity is non, our stop bit is 1, and our data bits are set to 8. Thank you for your help.

Jennifer MacLean
ve7ccd

From donp@jerryc.tyrell.net Tue Dec 03 12:01:30 1996
Received: from jerryc.tyrell.net ([204.248.154.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA09276 for <aprssig@tapr.org>; Tue, 3 Dec 1996 12:01:24 -0600 (CST)
Received: (from donp@localhost) by jerryc.tyrell.net (8.7.4/8.7.3) id MAA14423; Tue, 3 Dec 1996 12:01:58 -0600
Date: Tue, 3 Dec 1996 12:01:56 -0600 (CST)
From: Don Pfister KA0JLF <donp@jerryc.tyrell.net>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:6872] Delorme Tripmate
In-Reply-To: <199612011511.JAA23441@mail1.i1.net>
Message-ID: <Pine.LNX.3.91.961203115848.14396A-1000000@jerryc>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I am somewhat confused. I have been reading this sig about the Tripmate. Some were saying something about an upgrade from Delorme, other's like this one.

I have had V2 of Street Atlas for over a year (registered), and V3 for almost a month (also registered, not an upgrade) but haven't rec'd any kind of upgrade notice from them.

Do I understand the 'street' price (Computer City) is as cheap as Delorme?

thanks and 73 de Don KA0JLF

On Sun, 1 Dec 1996, Irvin Feldman wrote:

> For everyones info, in the flyer I have from Computer City--Delorme
> Tripmate is on
> sale for \$130 until Dec 6.
>
> Irv N0NOB
> irvinf@i1.net
>

From sproul@ap.org Tue Dec 03 12:44:55 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11455 for <aprssig@tapr.org>; Tue, 3 Dec 1996 12:44:53 -0600 (CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)

id NAA20426; Tue, 3 Dec 1996 13:38:38 -0500

X-Sender: sproul@165.1.6.1

Message-Id: <v03007808aeca20c83a38@[165.1.27.20]>

In-Reply-To: <s2a4122e.026@mail.rkd.snds.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Tue, 3 Dec 1996 13:27:01 -0500

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: Re: [APRSSIG:6909] windows

Cc: PEPLASTERS@mail.rkd.snds.com, wa9ffl@aol.com

>Can I "gut" a windows program so as to make winaprs run faster? I
>want to run it in a mobile setup on a "286" laptop. What files does
>WINAPRS need? Thanks, Paul WA9FFL wa9ffl@aol.com or
>aamfapp@snds.com

All you have to have is

WinAPRS.exe

serthunk.dll

ser16dll.dll

and some MAPS in the map folder

You do have to install Win32S

Mark Sproul

|Amateur Radio: KB2ICI

Software Engineer @ Assoc Press |
sproul@ap.org | Work: 609-860-7120
North Brunswick, NJ | Fax: 609-860-7129
<http://msproul.rutgers.edu/>

From jimflanders@ti.com Tue Dec 03 13:07:39 1996
Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA13041 for <aprssig@tapr.org>; Tue, 3 Dec 1996
13:07:37 -0600 (CST)
Received: from dshp1.itg.ti.com ([158.218.194.5]) by dragon.ti.com (8.6.13) with
ESMTP id NAA06613 for <aprssig@tapr.org>; Tue, 3 Dec 1996 13:07:04 -0600
Received: from ti (shtip114.dseg.ti.com [158.218.200.127]) by dshp1.itg.ti.com
(8.8.3/8.8.2) with SMTP id NAA24772 for <aprssig@tapr.org>; Tue, 3 Dec 1996
13:06:33 -0600 (CST)
X-Mailer: BeyondMail for Windows/Professional 2.3
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7Bit
To: aprssig@tapr.org
From: Jim Flanders <jimflanders@ti.com>
Subject: re: [APRSSIG:6909] windows
Date: Tue, 3 Dec 1996 12:44:37 -0600
X-BeyondMail-Priority: 1
Message-Id: <BMSMTP84963857328a0198560@dshmail.itg.ti.com>
Conversation-Id: <s2a4122e.026@mail.rkd.snds.com>
In-Reply-To: <s2a4122e.026@mail.rkd.snds.com>
Reply-To: Jim Flanders <jimflanders@ti.com>
X-Receipt-From-Agent: true

No - But if you run the older windows 3.0 on 286/386 machines, it will
run faster. Just has less "features".
Jim W0oog/5

Original text

From: Paul Plasters <PEPLASTERS@mail.rkd.snds.com>, on 12/3/96 12:27 PM:
To: aprssig@tapr.org

Can I "gut" a windows program so as to make winaprs run faster? I
want to run it in a mobile setup on a "286" laptop. What files does
WINAPRS need? Thanks, Paul WA9FFL wa9ffl@aol.com or
aamfapp@snds.com

From jratchf@bulldog.afsc.k12.ar.us Tue Dec 03 13:07:39 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA13040 for <aprssig@tapr.org>; Tue, 3 Dec 1996
13:07:36 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id

NAA21327; Tue, 3 Dec 1996 13:07:28 -0600
Date: Tue, 3 Dec 1996 13:07:28 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:6904] Tripmate GPS unit
In-Reply-To: <v03007802aec9e55642be@[165.1.27.20]>
Message-ID: <Pine.LNX.3.91.961203130655.21323A-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Where can I get one? Mail order? or Store?

On Tue, 3 Dec 1996, Mark Sproul wrote:

> I want everyone to know that Keith got the tripmate to work perfectly
> with Mac/WinAPRS, the next release (in about 2 weeks) will have full
> support for it. So for those people who have yet to write to Santa Clause,
> it will be a good stocking stuffer.

>

>

> Mark

>

>

>

> -----
> Mark Sproul |Amateur Radio: KB2ICI
> Software Engineer @ Assoc Press |
> sproul@ap.org |Work: 609-860-7120
> North Brunswick, NJ |Fax: 609-860-7129
> http://msproul.rutgers.edu/

>

>

>

From rkliman@juno.com Tue Dec 03 13:56:19 1996
Received: from x5.boston.juno.com (x5.boston.juno.com [205.231.100.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA15668 for <aprssig@tapr.org>; Tue, 3
Dec 1996 13:56:16 -0600 (CST)
From: rkliman@juno.com
Received: (from rkliman@juno.com) by x5.boston.juno.com (queuemail)
id OAB22929; Tue, 03 Dec 1996 14:55:37 EST
To: aprssig@tapr.org
Subject: Re: Delorme Tripmate
Message-ID: <19961203.115438.14270.1.rkliman@juno.com>
References: <Pine.LNX.3.91.961203115848.14396A-100000@jerryc>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 2
Date: Tue, 03 Dec 1996 14:55:37 EST

Call Delorme; have your Street Atlas serial number handy; they will sell
you a new 4.0 and a GPSTripmate package for \$125 + \$5 for shipping. YOU
WILL be impressed when you see it.

From schiers@ames.net Tue Dec 03 14:11:55 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA16688 for <aprssig@tapr.org>; Tue, 3 Dec 1996
14:11:53 -0600 (CST)
From: schiers@ames.net
Message-Id: <199612032011.OAA16688@tapr.org>
Received: from [206.29.126.237] by ames.net id 6f200.wrk; Tue, 3 Dec 1996 13:57:02
-0600
Date: Tue, 03 Dec 96 14:07:31 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6906] Re: Colors on WinAPRS
In-Reply-To: <916527@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.2a

In <916527@bbs.ames.net>, on 12/03/96 at 11:21 AM,
aprssig@tapr.org said:

>Personally, I like white, and I would rather see Keith and Mark work on
>something more important to the operation of the program.

I agree...there are MANY more important things to work on than fine tuning
the cosmetics.

One (less important) color feature I could see being fixed is the winds
aloft. Apparently in the Mac version the winds aloft change color with
intensity (higher winds, different colors), but the WinAPRS version
doesn't. Mine are always blue. Maybe I'm hallucinating, but as I recall
when Keith was out here in Ames, his showed different colors by velocity
and he was surprised that WinAPRS did not.

Again, this is WAY down on my priority list, but at least is connected to
the rational display of differing information, as opposed to pure
aesthetics.

73,

hasan schiers, NOAN--

schiers@ames.net

From eac@shore.net Tue Dec 03 14:15:15 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA16790 for <aprssig@tapr.org>; Tue, 3
Dec 1996 14:15:12 -0600 (CST)
Received: from northshore.shore.net (eac@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id PAA03026 for <aprssig@tapr.org>; Tue,
3 Dec 1996 15:15:08 -0500 (EST)
Received: (from eac@localhost) by northshore.shore.net (8.8.3/8.8.3) id PAA07744
for aprssig@tapr.org; Tue, 3 Dec 1996 15:15:07 -0500 (EST)
Date: Tue, 3 Dec 1996 15:15:07 -0500 (EST)
From: "Eric A. Cottrell" <eac@shore.net>
Message-Id: <199612032015.PAA07744@northshore.shore.net>

To: aprssig@tapr.org
Subject: Re: [APRSSIG:6911] Re: Delorme Tripmate

Hello,

Someone was able to get the special \$125 price by reading the serial number on the CD to the person taking the order. So dig out those old copies.

I have problems in that I usually get two copies or more of stuff. I own several of Delorme's products.

73 Eric eac@shore.net

From jkozak@erols.com Tue Dec 03 15:42:00 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA21053 for <aprssig@tapr.org>; Tue, 3 Dec 1996 15:41:54 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by smtp2.erols.com (8.7.5/8.7.3) with SMTP id QAA04398 for <aprssig@tapr.org>; Tue, 3 Dec 1996 16:41:45 -0500 (EST)
Date: Tue, 3 Dec 1996 16:41:45 -0500 (EST)
Message-Id: <199612032141.QAA04398@smtp2.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:6907] RE: Tripmate init string?

>The simplified startup sequence is:
>
>1. assert DTR - powers up unit.
>2. Tripmate responds with it's poweron ID and then sends
> ASTRALcrlf
> ASTRALcrlf
>
>Repeatedly until you respond with
>
>ASTRALcrlf
>ASTRALcrlf
>

>Ron WA7TAS (crh@cv.hp.com)

While I am waiting for mine to arrive, I'm thinking about external power. I'd like to leave the GPS turned on all the time in the car and not deal with the INIT procedures and lock-up delays at all. Obviously the batteries won't stand for that and I'll need a 6 volt DC power source. Has anyone checked out the wiring on the DB9 cable? Are any of the wires in the cable now wired for an external power source, or are there spares that may be pressed into service for this purpose? External power would be a real plus for this unit.

Thanks
John Kozak; N3AGG
jkozak@erols.com

From hammock@wired.jpl.nasa.gov Tue Dec 03 17:14:30 1996
Received: from wired.jpl.nasa.gov (wired.jpl.nasa.gov [128.149.72.59]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA24643 for <aprssig@tapr.org>; Tue, 3 Dec 1996 17:14:28 -0600 (CST)
Received: from wired by wired.jpl.nasa.gov via SMTP (940816.SGI.8.6.9/940406.SGI.AUT0)
for <aprssig@tapr.org> id QAA01630; Tue, 3 Dec 1996 16:28:23 -0800
Sender: hammock@wired.jpl.nasa.gov
Message-ID: <32A4C5A7.2F1C@wired.jpl.nasa.gov>
Date: Tue, 03 Dec 1996 16:28:23 -0800
From: Randy Hammock <hammock@wired.jpl.nasa.gov>
Organization: Galileo DMT 3910
X-Mailer: Mozilla 3.0Gold (X11; I; IRIX 5.3 IP20)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6918] RE: Tripmate init string?
References: <199612032141.QAA04398@smtp2.erols.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John W. Kozak wrote:

> ...I'll need a 6 volt DC power source. Has anyone
> checked out the wiring on the DB9 cable? Are any of the wires in the cable
> now wired for an external power source, or are there spares that may be
> pressed into service for this purpose? External power would be a real plus
> for this unit.

An earlier posting stated that external power could be applied to the pin which corresponds to the RI signal. 6 Volts is the suggested voltage to be applied. I don't have a description of which pin is which on the 9-pin connectors. I'm interested in finding out which is which as well.

--

Randy Hammock	KC6HUR	| Jet Propulsion Laboratory
mailto:hammock@wired.jpl.nasa.gov		| M/S: 264-580
Voice: +1-818-393-1214		| 4800 Oak Grove Drive
Pager: +1-818-423-2062		| PASADENA CA 91109

From n2iph@cyberenet.net Tue Dec 03 17:33:51 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA25525 for <aprssig@tapr.org>; Tue, 3 Dec 1996 17:33:49 -0600 (CST)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp (Smail3.1.29.1 #7) id m0vV4LT-00000UC; Tue, 3 Dec 96 18:33 EST
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp (Smail3.1.29.1 #8) id m0vV4LI-0006FSC; Tue, 3 Dec 96 18:33 EST
Message-ID: <32A4B8A4.4AB7@cyberenet.net>
Date: Tue, 03 Dec 1996 18:32:52 -0500

From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: Virtual Construction Co.
X-Mailer: Mozilla 3.01Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6913] re: windows
References: <BMSMTP84963857328a0198560@dshmail.itg.ti.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I thought Win32S required a 386 or better, and to be running in "Enhanced Mode", can't do that under Windows 3.0 or on a 286 as far as I know.

Bob

From WB9W0Z@aol.com Tue Dec 03 20:02:22 1996
Received: from emout14.mail.aol.com (emout14.mx.aol.com [198.81.11.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA00873 for <aprssig@tapr.org>; Tue, 3 Dec 1996 20:02:20 -0600 (CST)
From: WB9W0Z@aol.com
Received: by emout14.mail.aol.com (8.6.12/8.6.12) id VAA17900 for aprssig@tapr.org; Tue, 3 Dec 1996 21:01:50 -0500
Date: Tue, 3 Dec 1996 21:01:50 -0500
Message-ID: <961203210148_1651116939@emout14.mail.aol.com>
To: aprssig@tapr.org
Subject: BLNs received

WHAT is this, and WHY do they have to be broadcast nationwide ???
It comes from the BOSTON GATEWAY. shows a packet address of W1E0@W10N.MA
I have sent direct messages to the W10N-3, with no ACK. Perhaps its an unmanned station.

From:W10N-3 To:BLN1
PORT DEFINITIONS APRS [6=10.151, 3=145.79] BBS [1=145.75]

From:W10N-3 To:BLN2
STATs 6H>3V 2280 [37/hr] 3V>6H 105 [1/hr] 3V>3V 871 [14/hr] 1V>3V 56 [0/hr]

Bruce
Hinsdale,IL
wb9woz@aol.com
DuPage ARC/NIAN

From glittle@awod.com Tue Dec 03 21:07:17 1996
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA03892 for <aprssig@tapr.org>; Tue, 3 Dec 1996 21:07:16 -0600 (CST)
Received: from chs0011.awod.com (chs0213.awod.com [206.31.147.13]) by sumter.awod.com (8.7.6/8.6.12) with SMTP id WAA24529 for <aprssig@tapr.org>; Tue,

3 Dec 1996 22:07:14 -0500 (EST)
Message-Id: <199612040307.WAA24529@sumter.awod.com>
X-Sender: glittle@awod.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Dec 1996 23:21:02 -0500
To: aprssig@tapr.org
From: Glenn Little <glittle@awod.com>
Subject: Re: [APRSSIG:6373] Re: Got the Shirts

Mike

How much are the shirts and what do they have on them??

73
Glenn Little
WB4UIV

WB4UIV@amsat.org
glittle@awod.com

From martinbw@telalink.net Tue Dec 03 21:08:34 1996
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA03946 for <aprssig@tapr.org>; Tue, 3 Dec 1996
21:08:33 -0600 (CST)
Received: from oscar.telalink.net (nash-pm3-s22.telalink.net [205.241.232.119]) by
eve.telalink.net (Telalink-MTA/5.2n) with SMTP id VAA10698 for <aprssig@tapr.org>;
Tue, 3 Dec 1996 21:07:52 -0600 (CST)
X-Mailer: InterCon tcpCONNECT4 4.0.2 (Macintosh)
MIME-Version: 1.0
Message-Id: <9612032108.AA18275@oscar.telalink.net>
Date: Tue, 3 Dec 1996 21:08:18 -0600
From: "Bruce W. Martin" <martinbw@telalink.net>
To: aprssig@tapr.org
Subject: Variable Position Reporting Rate
Content-Type: Text/Plain; charset=US-ASCII
Content-Disposition: Inline

I finally came up with a circuit design to use with a standalone tracker.
Switching the circuit on inhibits the PTT line for about 20 minutes and
enables it for about 4 minutes. You can see this circuit at:

<<http://www.telalink.net/~martinbw/vhf/APRStimer.html>>

If you want a copy of the GIF, JPEG, PICT2, or MacDraw file I will be glad to
e-mail it to you.

Bruce

--

* Bruce W. Martin Internet: martinbw@telalink.net *
* 4558 Brooke Valley Dr. HAM Call: KQ4TV *
* Hermitage TN 37076-2650 Voice: (615) 872-7733 *
* FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W *
* "Never ask what sort of computer a guy drives. *
* If he's a Mac user, he'll tell you. *
* If not, why embarrass him?" -- Tom Clancy *

From eac@shore.net Tue Dec 03 21:18:08 1996

Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA04171 for <Aprssig@Tapr.Org>; Tue, 3
Dec 1996 21:18:05 -0600 (CST)

Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id WAA07237; Tue, 3 Dec 1996 22:17:58
-0500 (EST)

Received: from pm2-90 (pm2-90.lynnma.shore.net [204.167.109.90]) by
northshore.shore.net (8.8.3/8.8.3) with SMTP id WAA22568; Tue, 3 Dec 1996 22:17:55
-0500 (EST)

MIME-Version: 1.0

Date: Tue, 03 Dec 1996 22:27:06 -0400

To: sproul@ap.org

cc: Aprssig@tapr.org

From: "Eric A. Cottrell" <eac@shore.net>

Subject: Re: [APRSSIG:6912] Re: windows

Message-Id: <849670026-0-eac@shore.net>

X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes

Content-Type: text/plain; charset=ISO-8859-1

Content-Id: <849670026-1-eac@shore.net>

Content-Transfer-Encoding: 8bit

Hello,

I am reasonably sure Win32s needs a 386 or greater to work.

73 Eric eac@shore.net

From eac@shore.net Tue Dec 03 21:26:31 1996

Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA04657 for <Aprssig@Tapr.Org>; Tue, 3
Dec 1996 21:26:30 -0600 (CST)

Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id WAA08744; Tue, 3 Dec 1996 22:26:27
-0500 (EST)

Received: from pm2-90 (pm2-90.lynnma.shore.net [204.167.109.90]) by
northshore.shore.net (8.8.3/8.8.3) with SMTP id WAA24971; Tue, 3 Dec 1996 22:26:25
-0500 (EST)

MIME-Version: 1.0

Date: Tue, 03 Dec 1996 22:35:36 -0400

To: jratchf@bulldog.afsc.k12.ar.us

cc: Aprssig@tapr.org

From: "Eric A. Cottrell" <eac@shore.net>

Subject: Re: [APRSSIG:6914] Re: Tripmate GPS unit

Message-Id: <849670536-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <849670536-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

>Where can I get one? Mail order? or Store?

Both Store and Mail order!

If you have a copy of Street Atlas you can call Delorme up and give the Serial Number off the CD. This route is \$125 plus \$5 S&H. Computer City has a sale of these things for \$129 plus Sales Tax. The problem I have is the one nearby in Saugus, Massachusetts does not even have SA 4.0! They do have the 3-D explorer.

I do not know Delorme's regular price. I seen reports of from \$150 (Microcenter) to \$199 (Tiger Software) for a non-sale price.

73 Eric eac@shore.net WB1HBU

From eac@shore.net Tue Dec 03 21:39:57 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA05407 for <Aprssig@Tapr.Org>; Tue, 3 Dec 1996 21:39:54 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id WAA11389; Tue, 3 Dec 1996 22:39:53 -0500 (EST)
Received: from pm2-90 (pm2-90.lynnma.shore.net [204.167.109.90]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id WAA28562; Tue, 3 Dec 1996 22:39:51 -0500 (EST)
MIME-Version: 1.0
Date: Tue, 03 Dec 1996 22:49:02 -0400
To: hammock@wired.jpl.nasa.gov
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:6919] RE: Tripmate init string?
Message-Id: <849671342-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <849671342-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

>An earlier posting stated that external power could be applied to the
>pin which corresponds to the RI signal. 6 Volts is the suggested voltage
>to be applied. I don't have a description of which pin is which on the
>9-pin connectors. I'm interested in finding out which is which as well.

Pin 9 on the DB-9 (RI) appears to only go to the center pin of the power connector. So a jumper is needed to go between the center pin and the + pin.

73 Eric eac@shore.net WB1HBU

From james-m@ix.netcom Tue Dec 03 22:02:45 1996
Received: from dfw-ix6.ix.netcom.com (dfw-ix6.ix.netcom.com [206.214.98.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA06679 for <aprssig@tapr.org>; Tue, 3 Dec 1996 22:02:43 -0600 (CST)
Received: from #james-m (sav-ga6-53.ix.netcom.com [206.217.118.117]) by dfw-ix6.ix.netcom.com (8.6.13/8.6.12) with ESMTP id UAA26867 for <aprssig@tapr.org>; Tue, 3 Dec 1996 20:02:05 -0800
Message-Id: <199612040402.UAA26867@dfw-ix6.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom>
To: <aprssig@tapr.org>
Subject: Re: [APRSSID:6916] Re: Colors on WinAPRS
Date: Tue, 3 Dec 1996 20:54:22 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have difficulty reading the display with the white background, so just for your information, for some of us the ability to change the color background is a little more than aesthetics.

> From: schiers@ames.net
> To: aprssig@tapr.org
> Subject: [APRSSID:6916] Re: Colors on WinAPRS
> Date: Tuesday, December 03, 1996 3:15 PM
>
> In <916527@bbs.ames.net>, on 12/03/96 at 11:21 AM,
> aprssig@tapr.org said:
>
> >Personally, I like white, and I would rather see Keith and Mark work on
> >something more important to the operation of the program.
>
> I agree...there are MANY more important things to work on than fine
tuning
> the cosmetics.
>
> One (less important) color feature I could see being fixed is the winds
> aloft. Apparently in the Mac version the winds aloft change color with
> intensity (higher winds, different colors), but the WinAPRS version
> doesn't. Mine are always blue. Maybe I'm hallucinating, but as I recall
> when Keith was out here in Ames, he showed different colors by velocity
> and he was surprised that WinAPRS did not.

>
> Again, this is WAY down on my priority list, but at least is connected to
> the rational display of differing information, as opposed to pure
> aesthetics.
>
> 73,
>
> hasan schiers, NOAN--
> -----
> schiers@ames.net
> -----

>

From TonyDrumm@ibm.net Tue Dec 03 22:26:49 1996
Received: from smtp-gw01.ca.us.ibm.net (smtp-gw01.ca.us.ibm.net [165.87.201.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA07952 for <aprssig@tapr.org>; Tue, 3
Dec 1996 22:26:47 -0600 (CST)
Received: (from uucp@localhost) by smtp-gw01.ca.us.ibm.net (8.6.9/8.6.9) id
EAA121307 for <aprssig@tapr.org>; Wed, 4 Dec 1996 04:26:43 GMT
Message-Id: <199612040426.EAA121307@smtp-gw01.ca.us.ibm.net>
Received: from slip166-72-88-156.mn.us.ibm.net(166.72.88.156) by smtp-
gw01.ca.us.ibm.net via smap (V1.3mjr)
id smaSNkDe7; Wed Dec 4 04:26:39 1996
X-Sender: usinet.aa0sm@pop03.ca.us.ibm.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Dec 1996 22:29:36 -0600
To: aprssig@tapr.org
From: TonyDrumm@ibm.net (Tony Drumm)
Subject: Re: [APRSSIG:6890] Re: APRSdos compressed maps

>If you are planning to use maps with javAPRS, be sure to save a copy in
>uncompressed format, as javAPRS does not handle the compressed format. It
>may be twice as fast under APRSdos, but under java it would be slower. If
>enough of these maps are made I will update the program to handle them,
>but that will be a long time in the future, I have many other things to
>do the javAPRS and APRServe that are a much higher priority.
>
>Steve K4HG

Steve,

Some (i.e. at least one) of the maps distributed with javAPRS are (is?)
compressed. In particular, the MN-WI-MI map is compressed. When I update,
I have to copy back over it with my uncompressed copy of the map.

Tony - AA0SM
Tony Drumm
ARS AA0SM

From ggsmith@USIT.NET Tue Dec 03 22:30:44 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA08110 for <aprssig@tapr.org>; Tue, 3 Dec 1996
22:30:42 -0600 (CST)
Received: from knox542.static.usit.net (knox542.static.usit.net [199.1.63.181]) by
smtest.usit.net (8.7.5/8.6.12) with SMTP id XAA01312 for <aprssig@tapr.org>; Tue,
3 Dec 1996 23:37:13 -0500 (EST)
Message-Id: <199612040437.XAA01312@smtest.usit.net>
X-Sender: ggsmith@POP.USIT.NET
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Dec 1996 23:31:19 -0500
To: aprssig@tapr.org
From: Gould Smith <ggsmith@USIT.NET>
Subject: Tripmate DB-9 pinout

For those interested I took the screws out of my Tripmate
and checked out the pinout.

pin	1	nc	
pin	2	RX	black wire
pin	3	TX	brown wire
pin	4	DTR	red wire, assert to turn on
pin	5	GND	orange wire, connects to GND of power
pin	6	nc	
pin	7	nc	
pin	8	nc	
pin	9	RI,	yellow wire, goes to the center pin of the

power connector

73,
Gould, WA4SXM

From stevech@pacbell.net Tue Dec 03 22:43:37 1996
Received: from PACBELL.net (cherokee.snfc21.pbi.net [206.13.28.35]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA08742 for <aprssig@tapr.org>; Tue, 3 Dec 1996
22:43:36 -0600 (CST)
Received: from ppp-206-170-117-156.sndg02.pacbell.net
(ppp-206-170-117-156.sndg02.pacbell.net [206.170.117.156]) by PACBELL.net
(8.8.3/8.7.1) with SMTP id UAA29896 for <aprssig@tapr.org>; Tue, 3 Dec 1996
20:43:33 -0800 (PST)
Received: by ppp-206-170-117-156.sndg02.pacbell.net with Microsoft Mail
id <01BBE15A.CCBF0E80@ppp-206-170-117-156.sndg02.pacbell.net>; Tue, 3 Dec
1996 20:44:38 -0800
Message-ID: <01BBE15A.CCBF0E80@ppp-206-170-117-156.sndg02.pacbell.net>
From: Steve Childress <stevech@pacbell.net>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: Question on beacons
Date: Tue, 3 Dec 1996 20:44:36 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I've been away from ham radio for quite a while.
So please don't guffaw at the following...

I note that people are using beacons which transmit from an unattended situation. Do the FCC regulations now allow one to transmit in this manner, without a station operator present nor a supervisory remote control link?

steve
WB6CSZ

From BordingK@aol.com Tue Dec 03 22:57:12 1996
Received: from emout04.mail.aol.com (emout04.mx.aol.com [198.81.11.95]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA09424 for <aprssig@tapr.org>; Tue, 3 Dec 1996 22:57:11 -0600 (CST)
From: BordingK@aol.com
Received: by emout04.mail.aol.com (8.6.12/8.6.12) id XAA04050 for aprssig@tapr.org; Tue, 3 Dec 1996 23:56:40 -0500
Date: Tue, 3 Dec 1996 23:56:40 -0500
Message-ID: <961203235637_639255919@emout04.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6916] Re: Colors on WinAPRS

While on the subject of WinAPRS Colors, I've noted the following: In WinAPRS under Win3.1 the maps have colors, ie blue for hydrographic info, black for roads. However, now that I've moved up(?) to Win95, all maps are monochrome. DOS maps are unchanged if they contain colors. Anyone know why?

de KF4COH
Ken

From kc5ejk@onramp.net Tue Dec 03 23:13:34 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA10254 for <aprssig@tapr.org>; Tue, 3 Dec 1996 23:13:32 -0600 (CST)
Received: from [199.1.11.146] (dal146.onramp.net [199.1.11.146]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id XAA21300 for <aprssig@tapr.org>; Tue, 3 Dec 1996 23:13:28 -0600 (CST)
X-Sender: kc5ejk@onramp.net (Unverified)
Message-Id: <v03007800aecab8cb4095@[199.1.11.151]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 3 Dec 1996 23:14:13 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Tripmate Dec bug fix

We have posted an update for Tripmate on our Web page at:

<http://www.delorme.com/support> (Then -Tripmate Date & Time)

This update fixes problems with date and time identified and described in

this newsgroup. Simply download the update and then run the executable. The Tripmate files will be updated automatically.

Although the time and date problem described below will happen each time you try initialize during December you can still use Tripmate without the update. In testing Monday morning I was able to acquire a GOOD fix within 2-3 minutes 7 times during 2 hours using the original software. Once one satellite is acquired the date and time will correct themselves. The problem will only occur during the month of December and only with the DeLorme Tripmate.

Please direct any questions to support@delorme.com

Thank you.

Tim Lavan
DeLorme
Manager,
Quality Assurance

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From judlynn@norfolk.infi.net Tue Dec 03 23:31:07 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA11072 for <aprssig@tapr.org>; Tue, 3 Dec 1996 23:31:06 -0600 (CST)
Received: from pa1dsp13.orf.infi.net by mh004.infi.net with SMTP (Infinet-S-3.3) id AAA25646; Wed, 4 Dec 1996 00:31:24 -0500 (EST)
Date: Wed, 4 Dec 1996 00:31:24 -0500 (EST)
Message-Id: <199612040531.AAA25646@mh004.infi.net>
X-Sender: judlynn@norfolk.infi.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jud <judlynn@norfolk.infi.net>
Subject: Scanner with APRS:

When I track I use a Garmin GPS45XL, KPC-3, and the HTX-202. I transmit every 10 or 15 seconds when doing the roads for updating the maps. To receive the data I take along another KPC-3, HTX-202 and a HP200LX Palmtop. I use the Trimble for an antenna. This configuration works great.

I have an old 10 Channel Bearcat Scanner that I haven't used in a long time and I wondered if it could be put into service. I took it along yesterday and put it in place of the second HTX-202 to do the receiving. It worked flawlessly.

If you are short one radio to go tracking but have an old scanner laying around, give it a try.

73, Jud, KE4HFX

))((((
)_ _(
[o o]

=====000===(_)=000=====

Jud French, KE4HFX

judlynn@norfolk.infi.net

=====

5423 Barnhollow Rd.

Norfolk, VA 23502-3604

From sdimse@bridge.net Tue Dec 03 23:41:37 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA11846 for <aprssig@tapr.org>; Tue, 3 Dec 1996 23:41:26 -0600 (CST)

Received: from [199.174.201.203] (ad79-203.compuserve.com [199.174.201.203]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id AAA03431 for <aprssig@tapr.org>; Wed, 4 Dec 1996 00:41:00 -0500 (EST)

Message-Id: <199612040541.AAA03431@newworld.bridge.net>

Subject: Re: [APRSSIG:6928] Re: APRSdos compressed maps

Date: Wed, 4 Dec 96 00:41:01 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>Some (i.e. at least one) of the maps distributed with javAPRS are (is?)
>compressed. In particular, the MN-WI-MI map is compressed. When I update,
>I have to copy back over it with my uncompressed copy of the map.
>

Thanks...I didn't know that...guess I never use that one. Can you send me the uncompressed one?

Steve

From Mbeck@concentric.net Tue Dec 03 23:48:44 1996

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA13215 for <aprssig@tapr.org>; Tue, 3 Dec 1996 23:48:40 -0600 (CST)

Received: from MBECK (cnc502107.concentric.net [206.173.223.107])
by cliff.cris.com (8.8.3/(96/11/08 1.11))

id AAA12558; Wed, 4 Dec 1996 00:48:36 -0500 (EST)

[1-800-745-2747 The Concentric Network]

Errors-To: <Mbeck@concentric.net>

Message-ID: <32A510A6.63C6@concentric.net>

Date: Wed, 04 Dec 1996 05:48:22 +0000

From: Michael Beck <Mbeck@concentric.net>

Reply-To: Mbeck@concentric.net

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6930] Question on beacons
References: <01BBE15A.CCBF0E80@ppp-206-170-117-156.sndg02.pacbell.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Childress wrote:

>
> I've been away from ham radio for quite a while.
> So please don't guffaw at the following...
>
> I note that people are using beacons which transmit from an
> unattended situation. Do the FCC regulations now allow one
> to transmit in this manner, without a station operator present
> nor a supervisory remote control link?
>
> steve
> WB6CSZ

Yes.

--
 ///// \\\\
 (o o)
-----o00--(_)--00o-----
=====

Michael Beck / KE6JNO
mbeck@concentric.net / mbeck@globewireless.com
Montara, California U.S.A.
=====

From jkozak@erols.com Wed Dec 04 08:01:26 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA05885 for <aprssig@tapr.org>; Wed, 4
Dec 1996 08:01:25 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp1.erols.com (8.7.5/8.7.3) with SMTP id JAA14787 for <aprssig@tapr.org>; Wed, 4
Dec 1996 09:01:23 -0500 (EST)
Date: Wed, 4 Dec 1996 09:01:23 -0500 (EST)
Message-Id: <199612041401.JAA14787@smtp1.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:6925] Re: Tripmate GPS unit

Delorme will sell it to anyone for \$149 +\$5 S/H, which really upset the
CompUSA guy when he told me he had it for \$179 + tax. I ordered mine from
Delorme and am waiting for delivery! All info is on their webpage at

www.delorme.com, including upgrade information.>
>
>>Where can I get one? Mail order? or Store?
>
>Both Store and Mail order!
>
>If you have a copy of Street Atlas you can call Delorme up
>and give the Serial Number off the CD. This route is
>\$125 plus \$5 S&H. Computer City has a sale of these
>things for \$129 plus Sales Tax. The problem I have
>is the one nearby in Saugus, Massachusetts does not
>even have SA 4.0! They do have the 3-D explorer.
>
>I do not know Delorme's regular price. I seen reports
>of from \$150 (Microcenter) to \$199 (Tiger Software)
>for a non-sale price.
>
>
>73 Eric eac@shore.net WB1HBU
>
>
>
>

From jkozak@erols.com Wed Dec 04 08:14:08 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA06383 for <aprssig@tapr.org>; Wed, 4
Dec 1996 08:14:06 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp1.erols.com (8.7.5/8.7.3) with SMTP id JAA16303 for <aprssig@tapr.org>; Wed, 4
Dec 1996 09:14:04 -0500 (EST)
Date: Wed, 4 Dec 1996 09:14:04 -0500 (EST)
Message-Id: <199612041414.JAA16303@smtp1.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:6926] RE: Tripmate external power

>Pin 9 on the DB-9 (RI) appears to only go to the center pin of the
>power connector. So a jumper is needed to go between the center pin
>and the + pin.
>
>73 Eric eac@shore.net WB1HBU

Thanks to Eric's information and warning against applying 12 volts to the
GPS, I plan to build a 6 volt regulator board and install it in the battery
compartment of the GPS, thus allowing me to use any convenient voltage
source that I may have (12/24 volt) without worry. I plan on leaving the GPS

on all the time to avoid dealing with the init string and seek times involved in power-up. This will make the unit much more flexible as far as using it for moving map/APRS/tracker combinations.

JWK

From martinbw@telalink.net Wed Dec 04 09:41:27 1996
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA10150 for <aprssig@tapr.org>; Wed, 4 Dec 1996 09:41:26 -0600 (CST)
Received: from oscar.telalink.net (nash-pm2-s25.telalink.net [205.241.232.90]) by eve.telalink.net (Telalink-MTA/5.2n) with SMTP id JAA22043; Wed, 4 Dec 1996 09:40:31 -0600 (CST)
X-Mailer: InterCon tcpCONNECT4 4.0.2 (Macintosh)
MIME-Version: 1.0
Message-Id: <9612040941.AA03708@oscar.telalink.net>
Date: Wed, 4 Dec 1996 09:41:03 -0600
From: "Bruce W. Martin" <martinbw@telalink.net>
To: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>, aprssig@tapr.org
Subject: Re: APRStimer
Content-Type: Text/Plain; charset=US-ASCII
Content-Disposition: Inline

> Hi, Bruce. Thanks for your information on the timer for APRS
> tracking systems. Just looked at it on your WEB page. However, it
> appears that in the schematic drawing that pin 3 of the 555 IC is
> grounded. That has to be an error! Other than that, it looks fine. It's
> a good looking schematic.

>
> 73 Claude Head
> K5DTN
> 972-995-5040 office
> 972-386-8966 home
> chead@cesadm.corp.ti.com e-mail or
> chead@exame2.dseg.ti.com
>
>

Thanks Claude,

I fixed the schematic and uploaded the new version just now. I had to move the relay to get the resistor and the LEDs to fit and missed fixing one line. This was the kind of project where I drew the basic schematic and as i changed things on the prototype board or even in the PC board I had to run to the computer and update the drawing. Thanks again for finding my error. I hope others will catch it or see this and get the correction.

73,

Bruce

--

* Bruce W. Martin Internet: martinbw@telalink.net *
*
* "If you are a typical experimentalist (physics) you have *
* a raft of PCs, maybe a UNIX workstation to impress *
* incoming graduate students, and a Mac hidden in your *
* office to actually do things." - Robert Austin *

From billh@netins.net Wed Dec 04 10:12:06 1996
Received: from insosf1.netins.net (root@insosf1.netins.net [167.142.225.5]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA11625 for <aprssig@tapr.org>; Wed, 4
Dec 1996 10:12:04 -0600 (CST)
Received: from 199.120.94.84 (elrg-01-19.dialup.netins.net [199.120.94.84]) by
insosf1.netins.net with SMTP id KAA28049 for <aprssig@tapr.org>; Wed, 4 Dec 1996
10:11:56 -0600 (CST)
Message-ID: <32A5A3A4.3FCB@netins.net>
Date: Wed, 04 Dec 1996 16:15:32 +0000
From: "John W.(Bill) Hays - w0omv" <billh@netins.net>
Reply-To: billh@netins.net
Organization: Retired USAF air traffic controller
X-Mailer: Mozilla 2.02 (Macintosh; I; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6906] Re: Colors on WinAPRS
References: <199612031723.MAA08726@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> >I would think that the program would take on the default background from
> >the color scheme so if you make the windows background black then
> >that would do it. You would have to change some of the other
> >colors like text to white.

>I would guess it would be even worse to do for Windows.

>
> Personally, I like white, and I would rather see Keith and Mark work on
> something more important to the operation of the program.
>
> Steve K4HG

I agree!

--

Bill Hays - w0omv email:billh@netins.net

From tedant@pipeline.com Wed Dec 04 10:31:51 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA12417 for <aprssig@tapr.org>; Wed, 4
Dec 1996 10:31:50 -0600 (CST)
Received: from LOCALNAME (ip111.annapolis2.md.interramp.com [38.30.31.111]) by
mule0.mindspring.com (8.8.2/8.7.3) with SMTP id QAA62482 for <aprssig@tapr.org>;

Wed, 4 Dec 1996 16:31:46 GMT
Message-Id: <1.5.4.16.19961204173301.2b6f94f2@pop.pipeline.com>
X-Sender: tedant@pop.pipeline.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Dec 1996 12:33:01 -0500
To: aprssig@tapr.org
From: "Theodore A. Antanaitis" <tedant@pipeline.com>
Subject: 1:2,000,000 CD Maps

In 1995 the USGS changed the format of the 1:2,000,000 Optional Format DLG CDrom. The changes consisted of a reorganization of the data (DLG data is in state by state files) AND DLG coordinates are in X and Y offsets (not latitude and longitude as in previous CDroms). The new CDrom is identified as Mastered: 7/95.

The unfortunate result was that the APRSdos map generating programs (e.g., MAKEMAP) could not process the data on the new CDrom. While many maps had been already made from the 1:2,000,000 CDrom, demand for new maps continues (e.g., waterway maps, county-line maps).

This is to announce that an *UPDATED* version of the QBASIC programs which process the DLG data on the new CDrom have now been posted to the APRSSIG library. The new files, NU2MG30.ZIP and NU2MG30.TXT, are in /tapr/SIG/aprssig/files/maps/PCMaps. Users of previous versions (i.e., NU_2MEGA.BAS and NU_2MEGB.BAS) are specifically encouraged to update.

NU2MG30 prepares map files from the new CDrom in a simplified process where the user specifies the state of interest, map center point (latitude and longitude), and range. *NEW* in this version is an improved algorithm for more accurate conversion of X-Y coordinates to Latitude-Longitude equivalents. Maps of varying detail may be created (e.g., roads, waterways, political boundaries). *NEW* in this version is the ability to create maps with only a single category of feature (e.g., maps with only boundaries).

Map files prepared by NU2MG30 generally must be finished off through the use of MAPFIX where labels can be created and the total number of points edited to the APRSdos limit.

IF you are interested in generating specialty maps, custom maps, or already have the new USGS CDrom, NU2MG30 may be what you need.

My thanks to those who answered my earlier posts regarding coordinate conversions,
your help allowed me to complete this project.

Address any queries to:

Ted Antanaitis WA7ZZB
email: tedant@pipeline.com

From pmann@juno.com Wed Dec 04 10:46:15 1996

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA13065 for <aprssig@tapr.org>; Wed, 4 Dec 1996 10:46:13 -0600 (CST)

Received: (from pmann@juno.com) by x4.boston.juno.com (queuemail) id LyW06511; Wed, 04 Dec 1996 11:44:14 EST

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6892] WBOWNX-7 Schedule

Message-ID: <19961203.045801.10295.0.PMANN@juno.com>

References: <9612022126.AA28713@elwood.pionet.net>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 0-1,3-4,6-7,9-10,12-20

From: pmann@juno.com (PETER J MANN)

Date: Wed, 04 Dec 1996 11:44:14 EST

here what I recored while at work.

WBOWNX-7 031709 @032311z3648.50N/09626.21W'GGA/NUL/raw*/GGA
FIX/ALT=4711.0

WBOWNX-7 031711 @032216z3850.75N/09443.53W'179/97./raw*/RMC Fix

WBOWNX-7 031718 @032320z3627.34N/09643.71W'GGA/NUL/raw*/GGA
FIX/ALT=4779.7

WBOWNX-7 031724 @032216z3850.75N/09443.53W'179/97./raw*/RMC Fix

WBOWNX-7 031724 @032326z3612.93N/09655.72W'GGA/NUL/raw*/GGA
FIX/ALT=4626.0

WBOWNX-7 031726 @032216z3850.75N/09443.53W'179/97./raw*/RMC Fix

WBOWNX-7 031727 @032329z3605.26N/09701.80W'GGA/NUL/raw*/GGA
FIX/ALT=4358.0

WBOWNX-7 031732 @032216z3850.75N/09443.53W'179/97./raw*/RMC Fix

Be looking for your return flight.

HAVE A GREAT DAY!

Pete
KF5RD

From mlewis@zebra.net Wed Dec 04 11:38:52 1996

Received: from ns.zebra.net (ns.zebra.net [208.5.19.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA16201 for <aprssig@tapr.org>; Wed, 4 Dec 1996 11:38:51 -0600 (CST)

Received: from conan ([208.5.19.88]) by ns.zebra.net (Netscape Mail Server v1.1) with SMTP id AAA14852 for <aprssig@tapr.org>; Wed, 4 Dec 1996 11:35:36 -0500

Message-ID: <32A5B70B.649@zebra.net>

Date: Wed, 04 Dec 1996 11:38:19 -0600

From: Michael Lewis <mlewis@zebra.net>

X-Mailer: Mozilla 2.02E-KIT (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6937] RE: Tripmate external power

References: <199612041414.JAA16303@smtp1.erols.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

John W. Kozak wrote:

>

> >Pin 9 on the DB-9 (RI) appears to only go to the center pin of the
> >power connector. So a jumper is needed to go between the center pin
> >and the + pin.

> >

> >73 Eric eac@shore.net WB1HBU

>

> Thanks to Eric's information and warning against applying 12 volts to the
> GPS, I plan to build a 6 volt regulator board and install it in the battery
> compartment of the GPS, thus allowing me to use any convenient voltage
> source that I may have (12/24 volt) without worry. I plan on leaving the GPS
> on all the time to avoid dealing with the init string and seek times
> involved in power-up. This will make the unit much more flexible as far as
> using it for moving map/APRS/tracker combinations.

>

> JWK

I made just such a power supply (I used a 7808 regulator), it works fine. The higher the voltage applied (up to 11.7), the better the efficiency, assuming a 12v (13.8) starting point.

I blew mine up before I knew better by testing it with 16 volts to verify operation in an automotive environment. After replacing the Maxim 3.3 volt regulator inside the Tripmate, it works fine again.

Since the init string can be shortened from \$IIGPQ,ASTRAL to ASTRAL, and since the box repeatedly sends out ASTRAL's, I just short pins 2 and 3 together to auto-init the box after power on.

From JIM_OLSEN@novell.com Wed Dec 04 11:49:16 1996

Received: from novell.com (prv-mail20.Provo.Novell.COM [137.65.40.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA16845 for <aprssig@tapr.org>; Wed, 4 Dec 1996 11:49:13 -0600 (CST)

Received: from INET-PRV-Message_Server by novell.com

with Novell_GroupWise; Wed, 04 Dec 1996 10:48:40 -0700

Message-Id: <s2a55708.007@novell.com>

X-Mailer: Novell GroupWise 4.1

Date: Wed, 04 Dec 1996 10:48:14 -0700

From: Jim Olsen <JIM_OLSEN@novell.com>

To: aprssig@tapr.org

Subject: DLG Location System

I have placed a screen shot and feature list of my GIS packet location system onto the web. It can be viewed at:

<http://www.ditell.com/~cavers/gispls.html>

I thank the many people who responded with suggested features. I have incorporated many of them including:

- * Optional display of icon, name, AND/OR, track on a per station basis.
- * Configurable colors for ALL features on map display.

- * Conversion program to read optional format DLG files (1:100,000)
- * Local station based configuring of icons for stations

I have a request to anyone who can help me. My area has VERY limited APRS activity (Utah). Could someone from a very active area please send me a raw text file of the APRS traffic in your area for a period of time? This would help my development efforts greatly.

Thanks in advance,

Jim Olsen
jim_olsen@novell.com

From eac@shore.net Wed Dec 04 13:05:31 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA20121 for <aprssig@tapr.org>; Wed, 4 Dec 1996 13:05:30 -0600 (CST)
Received: from northshore.shore.net (eac@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id OAA11372 for <aprssig@tapr.org>; Wed, 4 Dec 1996 14:05:28 -0500 (EST)
Received: (from eac@localhost) by northshore.shore.net (8.8.3/8.8.3) id OAA05456; Wed, 4 Dec 1996 14:05:25 -0500 (EST)
Date: Wed, 4 Dec 1996 14:05:25 -0500 (EST)
From: "Eric A. Cottrell" <eac@shore.net>
Message-Id: <199612041905.OAA05456@northshore.shore.net>
To: aprssig@tapr.org
Subject: DeLorme tripmate utility on CD
X-Newsreader: NN version 6.5.0 #21 (NOV)

Hello,

I this up on the satellite newsgroup and have not tried it yet.

<begin forward>

I have just discovered 1) this ng and 2) an item in the SA4 CD-ROM \util directory, yet another tripmate.exe, which shows and interprets the Tripmate output stream, shows SV locations, etc.

I have been able to interpret everything on the display except for the third column in the left window. The first two columns are satellite altitude and azimuth; the third seems to be some measure of signal merit. Can anyone enlighten me, or point to a source of info on this nifty but apparently unadvertised tool?

mdr

<end forward>

73 Eric eac@shore.net WB1HBU

From hammock@wired.jpl.nasa.gov Wed Dec 04 14:00:23 1996
Received: from wired.jpl.nasa.gov (wired.jpl.nasa.gov [128.149.72.59]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA22155 for <aprssig@tapr.org>; Wed, 4 Dec 1996

14:00:22 -0600 (CST)

Received: from wired by wired.jpl.nasa.gov via SMTP
(940816.SGI.8.6.9/940406.SGI.AUT0)

for <aprssig@tapr.org> id NAA02193; Wed, 4 Dec 1996 13:15:05 -0800

Sender: hammock@wired.jpl.nasa.gov

Message-ID: <32A5E9D9.52BF@wired.jpl.nasa.gov>

Date: Wed, 04 Dec 1996 13:15:05 -0800

From: Randy Hammock <hammock@wired.jpl.nasa.gov>

Organization: Galileo DMT 3910

X-Mailer: Mozilla 3.0Gold (X11; I; IRIX 5.3 IP20)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6943] DLG Location System

References: <s2a55708.007@novell.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Jim Olsen wrote:

> I thank the many people who responded with suggested features. I
> have incorporated many of them including:
>
> * Optional display of icon, name, AND/OR, track on a per station basis.
> * Configurable colors for ALL features on map display.
> * Conversion program to read optional format DLG files (1:100,000)
> * Local station based configuring of icons for stations

I don't re-call if I sent this suggestion before or not, the ability to work in UTM and/or LAT/LON is something that Search and Rescue teams usually need. It seems that ground searches rely on UTM while air searchers use LAT/LON or even CAP grids. At least this is the way the search team I was associated with works.

--

Randy Hammock	KC6HUR	| Jet Propulsion Laboratory
mailto:hammock@wired.jpl.nasa.gov		| M/S: 264-580
Voice: +1-818-393-1214		| 4800 Oak Grove Drive
Pager: +1-818-423-2062		| PASADENA CA 91109

From tkealey@mdc.com Wed Dec 04 14:39:08 1996

Received: from unknown (SVMAIL03.MDC.COM [130.38.186.34]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA24152 for <aprssig@tapr.org>; Wed, 4 Dec 1996
14:39:06 -0600 (CST)

Received: from mdc.com by unknown with SMTP

(1.37.109.20/16.2) id AA162402019; Wed, 4 Dec 1996 14:40:19 -0600

Received: from GWXSL002-Message_Server by mdc.com

with Novell_GroupWise; Wed, 04 Dec 1996 14:40:19 -0600

Message-Id: <s2a58d53.005@mdc.com>

X-Mailer: Novell GroupWise 4.1

Date: Wed, 04 Dec 1996 14:37:49 -0600

From: Terrance Kealey <tkealey@mdc.com>

To: aprssig@tapr.org

Subject: MIM Module Testing Update

This is a follow up to a previous posting I placed on the SIG about MIM/GPS-20 problems I saw and my testing of the latest MIM controller. The oddities I saw last week when testing it were due to my using an old version of the configuration software. I originally purchased a MIM 1.04 and programmed it with the mic101.exe program. I needed mic104d.exe to program the new MIM 1.06. I was able to download it from the Clement Engineering web site.

I programmed the MIM in MIC mode and the velocity problem is now corrected. When programmed in MIM mode, the position was transmitted as programmed and not every few seconds as seen during satellite acquisition with the GPS-20. I have not retested all configurations, only the ones that I had previous problems with. A neat feature added to this version of the MIM is the ability to set which GPS message to transmit. For example if you want to use the MIM for a balloon launch and wanted altitude transmitted, the GPGGA message could be specified.

In addition to the configuration software on Clement web site, there is also a complete operator's manual that can be downloaded. Both of these may be of interest to the people who will be beta testing the MIC Encoder and to anyone who wants to determine if the MIM is a TNC option that they want to use.

The Clement Engineering web page is at -
<http://home.navisoft.com/agrelo/clement.htm>

One last comment for Bob (WB4APR). When using the MIC Encoder with the GPS-20, I think you might want to consider putting an indicator on the front panel to let the user know that the GPS data is valid. I have seen other stand-alone trackers the area drive around for 30 minutes outputting null position data and not knowing it. I think the 1PPS output would work for this and would give the user feedback that GPS portion (receiver and antenna) of the MIC Encoder was working properly. Maybe this could be a future upgrade if the design is too far along.

Hopefully the above information is useful to everyone.

Terry, KI0BF

From n2xdd@juno.com Wed Dec 04 15:20:46 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA26558 for <aprssig@tapr.org>; Wed, 4 Dec 1996 15:20:45 -0600 (CST)
Received: (from n2xdd@juno.com) by x9.boston.juno.com (queuemail) id QtP11240; Wed, 04 Dec 1996 16:20:03 EST
To: aprssig@tapr.org
Date: Wed, 4 Dec 1996 16:22:20 PST
Subject: Garmin GPS II
Message-ID: <19961204.162223.8870.0.N2XDD@juno.com>

References: <1.5.4.16.19961204173301.2b6f94f2@pop.pipeline.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0-7

From: n2xdd@juno.com (ed j wilson)

Anyone familiar w/ the Garmin GPS II?

Does it have a removable antennae?

NMEA output?

any other comments?

thanks in advance!

73 de N2XDD Ed Wilson

From clark@tomcat.gsfc.nasa.gov Wed Dec 04 16:12:35 1996

Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA29032 for <aprssig@tapr.org>; Wed, 4 Dec 1996 16:12:30 -0600 (CST)

Date: Wed, 04 Dec 96 22:00:41 UTC

Message-Id: <10397@tomcat.gsfc.nasa.gov>

From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)

Reply-To: clark@tomcat.gsfc.nasa.gov

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6947] Garmin GPS II

N2XDD asked

> Anyone familiar w/ the Garmin GPS II?

> Does it have a removable antennae?

> NMEA output?

The GPS-II is essentially a GPS-45XL laid on its side.

The antenna is removable. It does have NMEA output, Garmin's proprietary I/O, and RTCM inputs. The "on its side" "portrait vs landscape" can be toggled. The only other functional change is the addition of map zoom in/out buttons.

73 de Tom, W3IWI

From amirault@laraby.tiac.net Wed Dec 04 16:16:59 1996

Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA29172 for <aprssig@tapr.org>; Wed, 4 Dec 1996 16:16:57 -0600 (CST)

Received: (from amirault@localhost) by laraby.tiac.net (8.8.2/8.6.6.Beta9) id RAA15480; Wed, 4 Dec 1996 17:18:55 -0500 (EST)

Date: Wed, 4 Dec 1996 17:18:54 -0500 (EST)

From: Richard Amirault <amirault@laraby.tiac.net>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6921] BLNs received

In-Reply-To: <961203210148_1651116939@emout14.mail.aol.com>

Message-ID: <Pine.BSF.3.91.961204171148.15362A-100000@laraby.tiac.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Dec 1996 WB9WOZ@aol.com wrote:

> WHAT is this, and WHY do they have to be broadcast nationwide ???

"WHY"?...beats me....try EGO (he does this on 145.79 as well as HF)
In addition every station he GATES to VHF comes thru with 3 WIDEs in the path.

> It comes from the BOSTON GATEWAY. shows a packet address of W1EO@W10N.MA
> I have sent direct messages to the W10N-3, with no ACK. Perhaps its an
> unmanned station.

> From:W10N-3 To:BLN1
> PORT DEFINITIONS APRS [6=10.151, 3=145.79] BBS [1=145.75]
> From:W10N-3 To:BLN2
> STATs 6H>3V 2280 [37/hr] 3V>6H 105 [1/hr] 3V>3V 871 [14/hr] 1V>3V 56 [0/hr]

These BLNs are upgraded *constantly* with new stats. So virtually *every* time I touch my keyboard, APRS prompts me to check the NEW BLN (when the only thing "new" is the STATs in his BLN2)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From eac@shore.net Wed Dec 04 16:40:12 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA00272 for <aprssig@tapr.org>; Wed, 4 Dec 1996 16:40:11 -0600 (CST)
Received: from northshore.shore.net (eac@shell11.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id RAA04829 for <aprssig@tapr.org>; Wed, 4 Dec 1996 17:40:06 -0500 (EST)
Received: (from eac@localhost) by northshore.shore.net (8.8.3/8.8.3) id RAA21311 for aprssig@tapr.org; Wed, 4 Dec 1996 17:39:50 -0500 (EST)
Date: Wed, 4 Dec 1996 17:39:50 -0500 (EST)
From: "Eric A. Cottrell" <eac@shore.net>
Message-Id: <199612042239.RAA21311@northshore.shore.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6942] RE: Tripmate external power

Hello,

I would be careful as the caps on the input of the Maxim DC-DC converter are 10 volts. I consider 8 to be on the upper limit of the voltage. While the Maxim chip could stand 11.7 I doubt the caps would for long. Of course it looks like there may be 2 diode drops (diode and transistor switch) but I would still not go too much above 8 volts.

73 Eric eac@shore.net

From fehner@cts.com Wed Dec 04 17:14:26 1996
Received: from burnout.cts.com (root@burnout.cts.com [204.216.216.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA01758 for <aprssig@tapr.org>; Wed, 4 Dec 1996 17:14:24 -0600 (CST)
Received: from fehnercom.cts.com (fehnercom.cts.com [198.68.171.229]) by burnout.cts.com (8.6.12/8.6.9) with SMTP id PAA04840 for <aprssig@tapr.org>; Wed, 4 Dec 1996 15:14:16 -0800
Message-Id: <2.2.32.19961204231538.006a1db0@mail.cts.com>
X-Sender: fehner@mail.cts.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Dec 1996 15:15:38 -0800
To: aprssig@tapr.org
From: Barbara Fehner <fehner@cts.com>
Subject: Re: [APRSSIG:6902] Re: Colors on WinAPRS

There are at least two people in the San Diego area who would like to use WAPRS but don't because of the background color. Most of the others here that use it have complained about the way the maps look. The problem is that when I make my maps I choose the colors according to the contrast with the black background. When the map is displayed on a white background the contrast is reversed making the less prominent features stand out and the important features wash out. I also would like to see the choice of a black or dark grey background.

Barbara KK6IB
E-Mail: fehner@cts.com

From rgervenack@juno.com Wed Dec 04 17:14:28 1996
Received: from x14.boston.juno.com (x14.boston.juno.com [205.231.101.27]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA01771 for <aprssig@tapr.org>; Wed, 4 Dec 1996 17:14:26 -0600 (CST)
Received: (from rgervenack@juno.com) by x14.boston.juno.com (queueemail) id SeV27966; Wed, 04 Dec 1996 18:12:18 EST
To: aprssig@tapr.org
Date: Wed, 4 Dec 1996 15:06:07 pst
Subject: Re: [APRSSIG:6930] Question on beacons
Message-ID: <19961204.151003.6439.3.rgervenack@juno.com>
References: <01BBE15A.CCBF0E80@ppp-206-170-117-156.sndg02.pacbell.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-2,4-16
From: rgervenack@juno.com (Robert W Gervenack)

How do you determine that the station is unattended?
Gervie, W7FEN

On Tue, 3 Dec 1996 22:45:10 -0600 (CST) Steve Childress <stevech@pacbell.net> writes:
>I've been away from ham radio for quite a while.
>So please don't guffaw at the following...
>
>I note that people are using beacons which transmit from an

>unattended situation. Do the FCC regulations now allow one
> to transmit in this manner, without a station operator present
>nor a supervisory remote control link?
>
>steve
>WB6CSZ
>
>

From sdimse@bridge.net Wed Dec 04 17:46:08 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA03021 for <aprssig@tapr.org>; Wed, 4
Dec 1996 17:46:06 -0600 (CST)
Received: from [199.174.207.32] (dd65-032.compuserve.com [199.174.207.32]) by
newworld.bridge.net (8.8.3/8.8.3) with SMTP id SAA13097 for <aprssig@tapr.org>;
Wed, 4 Dec 1996 18:45:57 -0500 (EST)
Message-Id: <199612042345.SAA13097@newworld.bridge.net>
Subject: Re: [APRSSIG:6949] Re: BLNs received
Date: Wed, 4 Dec 96 18:46:10 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>These BLNs are upgraded *constantly* with new stats. So virtually *every*
>time I touch my keyboard, APRS prompts me to check the NEW BLN (when the
>only thing "new" is the STATS in his BLN2)
>

Sounds like you need to budlist him. I did months ago. On the Mac, all
message to you and beacons are spoken aloud. Besides having no info I
care about, the format of his message results i being pronounced by
computer as a 30 secong long run-together sentence. Very annoying.
Setting the budlist cures all of this.

Steve K4HG

From bruninga@nadm.navy.mil Wed Dec 04 18:10:38 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA04138 for <aprssig@tapr.org>; Wed, 4
Dec 1996 18:10:35 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id TAA11532 for <aprssig@tapr.org>; Wed, 4 Dec 1996
19:09:33 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 4 Dec 1996 19:09:33 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6934] Re: APRSdos compressed maps
In-Reply-To: <199612040541.AAA03431@newworld.bridge.net>
Message-ID: <Pine.GSO.3.95.961204190756.8237H-100000@arctic>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Dec 1996, Steve Dimse wrote:

> >Some (i.e. at least one) of the maps distributed with javAPRS are (is?)
> >compressed. In particular, the MN-WI-MI map is compressed.
> >
> Thanks...I didn't know that...guess I never use that one. Can you send me
> the uncompressed one?

APRSDos REPLY/COMMENT: I know he uses Mac's and not PC's but for everyone else's info, anyone with a PC can just load the map into MAPFIX and then re-save it uncompressed...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Wed Dec 04 18:45:55 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA05365 for <aprssig@tapr.org>; Wed, 4 Dec 1996 18:45:53 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id TAA12111 for <aprssig@tapr.org>; Wed, 4 Dec 1996 19:44:53 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 4 Dec 1996 19:44:53 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: W10N-3
In-Reply-To: <199612042345.SAA13097@newworld.bridge.net>
Message-ID: <Pine.GSO.3.95.961204194244.8237Q-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I agree, but BUDLISTING wont educate him to the problems he is causing. Someone must make human contact and educate hiim. He is totally wasting bandwidth resources and QRMing most of the country. PERIOD. It should be stopped...

On Wed, 4 Dec 1996, Steve Dimse wrote:

> >These BLNs are upgraded *constantly* with new stats. So virtually *every*
> >time I touch my keyboard, APRS prompts me to check the NEW BLN (when the
> >only thing "new" is the STATS in his BLN2)
> >
> Sounds like you need to budlist him. I did months ago. On the Mac, all
> message to you and beacons are spoken aloud. Besides having no info I
> care about, the format of his message results i being pronounced by
> computer as a 30 secong long run-together sentence. Very annoying.
> Setting the budlist cures all of this.
>

> Steve K4HG
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From n0lrf@computer-services.com Wed Dec 04 18:48:48 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA05707 for <aprssig@tapr.org>; Wed, 4 Dec 1996 18:48:36 -0600 (CST)
Received: from pm6_10.computer-services.com (pm6_10.computer-services.com [206.101.232.157]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id SAA29129 for <aprssig@tapr.org>; Wed, 4 Dec 1996 18:48:36 -0600
Message-ID: <32A63741.2D43@computer-services.com>
Date: Wed, 04 Dec 1996 18:45:21 -0800
From: Paul Stump <n0lrf@computer-services.com>
Reply-To: n0lrf@computer-services.com
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6949] Re: BLNs received
References: <Pine.BSF.3.91.961204171148.15362A-100000@laraby.tiac.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> > From:W10N-3 To:BLN1
> > PORT DEFINITIONS APRS
>
> These BLNs are upgraded *constantly* with new stats. So virtually *every*
> time I touch my keyboard, APRS prompts me to check the NEW BLN

We are also flooded here in the Kansas City area. Perhaps (I hope)
he knows not what he does? Does anyone know him? Maybe a nice chat
over a cold beer is advised...

From billh@netins.net Wed Dec 04 19:30:39 1996
Received: from ins1.netins.net (ins1.netins.net [167.142.225.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA07642 for <aprssig@tapr.org>; Wed, 4 Dec 1996 19:30:34 -0600 (CST)
Received: from 199.120.94.89 (elrg-01-24.dialup.netins.net [199.120.94.89]) by ins1.netins.net (8.8.2/8.8.2) with SMTP id TAA32286 for <aprssig@tapr.org>; Wed, 4 Dec 1996 19:28:22 -0600 (CST)
Message-ID: <32A6268F.55A3@netins.net>
Date: Thu, 05 Dec 1996 01:34:07 +0000
From: "John W.(Bill) Hays - w0omv" <billh@netins.net>
Reply-To: billh@netins.net
Organization: Retired USAF air traffic controller
X-Mailer: Mozilla 2.02 (Macintosh; I; 68K)
MIME-Version: 1.0

To: aprssig@tapr.org
Subject: Re: [APRSSIG:6951] Re: Colors on WinAPRS
References: <2.2.32.19961204231538.006a1db0@mail.cts.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Barbara Fehner wrote:

>
> There are at least two people in the San Diego area who would like to use
> WAPRS but don't because of the background color. Most of the others here
> that use it have complained about the way the maps look. The problem is that
> when I make my maps I choose the colors according to the contrast with the
> black background. When the map is displayed on a white background the
> contrast is reversed making the less prominent features stand out and the
> important features wash out. I also would like to see the choice of a black
> or dark grey background.
>
> Barbara KK6IB
> E-Mail: fehner@cts.com

However, when I print out a copy of my map on paper if the background
were white, WOW what a lot of black ink/toner would be wasted!
So as long as we do not have a choice I hope it remains white.

--

Bill Hays - w0omv email:billh@netins.net

From N2ZRC@gnn.com Wed Dec 04 20:41:01 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA10857 for <aprssig@tapr.org>; Wed, 4 Dec 1996
20:40:59 -0600 (CST)
Received: from 32-235.client.gnn.com. (32-235.client.gnn.com [205.188.32.235])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id VAA31949 for <aprssig@tapr.org>;
Wed, 4 Dec 1996 21:40:22 -0500 (EST)
Message-Id: <199612050240.VAA31949@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Dec 1996 21:39:16
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6903] Re: Colors on WinAPRS

Hi All,

On Tue, 3 Dec 1996 Demos Doulou wrote:

>I too would like a black background.

In keeping with the spirit of "Hound Dogs In The Night,"
the white background is downright painful and difficult to look
at when one first wakes up in the middle of the night. In ad-
dition, the white screen is distracting and possibly dangerous

while mobile at night.

However, I realize that the nature of this question may be with how Windows itself operates and may be difficult, if not impossible, for the Sprouls to implement given the higher priorities of their ambitious plans.

Mark, Keith, keep up the good work. This is a very low priority in my opinion and there are other things you're working on that are more dear to us. 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From billh@netins.net Wed Dec 04 20:51:38 1996
Received: from worf.netins.net (root@worf.netins.net [167.142.225.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA11294 for <aprssig@tapr.org>; Wed, 4 Dec 1996 20:51:34 -0600 (CST)
Received: from 199.120.94.89 (elrg-01-24.dialup.netins.net [199.120.94.89]) by worf.netins.net (8.8.4/8.8.4) with SMTP id UAA18671 for <aprssig@tapr.org>; Wed, 4 Dec 1996 20:51:29 -0600 (CST)
Message-ID: <32A6398A.245A@netins.net>
Date: Thu, 05 Dec 1996 02:55:06 +0000
From: "John W.(Bill) Hays - w0omv" <billh@netins.net>
Reply-To: billh@netins.net
Organization: Retired USAF air traffic controller
X-Mailer: Mozilla 2.02 (Macintosh; I; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6957] Re: Colors on WinAPRS
References: <32A6268F.55A3@netins.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John W.(Bill) Hays - w0omv wrote:

>

> Barbara Fehner wrote:

MUCH DELETED

> However, when I print out a copy of my map on paper if the background

> were white, WOW what a lot of black ink/toner would be wasted!

> So as long as we do not have a choice I hope it remains white.

> --

> Bill Hays - w0omv email:billh@netins.net

Above proves one should proof read. Hi "white" should be "black".

--

Bill Hays - w0omv email:billh@netins.net

From kb6lfm@ix.netcom.com Wed Dec 04 21:00:10 1996

Received: from dfw-ix10.ix.netcom.com (dfw-ix10.ix.netcom.com [206.214.98.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA11558 for <aprssig@tapr.org>; Wed, 4 Dec 1996 21:00:08 -0600 (CST)

Received: from -kb6lfm (ala-ca26-35.ix.netcom.com [207.93.42.99]) by dfw-ix10.ix.netcom.com (8.6.13/8.6.12) with SMTP id SAA14766 for <aprssig@tapr.org>; Wed, 4 Dec 1996 18:59:35 -0800

Message-ID: <32A63A95.75DF@ix.netcom.com>

Date: Wed, 04 Dec 1996 18:59:33 -0800

From: kb6lfm <kb6lfm@ix.netcom.com>

Reply-To: kb6lfm@ix.netcom.com

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Stations in "SUPCalls"

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

For the sake of the finals in my transceiver and for a little sanity (very little) here on the left Coast I have, for the first time in 11 years reluctantly put callsigns in my TNC's "SUPCALLS". Until today I have been GATE'ing & DIGIpeating ALL APRS stations on 10.149.30 mark FSK and on 145.010. In future, ANY station using a path thats over 12" long(Hi!) Seriously, one or two "WIDE" or "GATE" statements is enough! I will be adding or removing calls in the "SUPCALLS" according to the "DIGIPEATERS USED" list on a daily basis. As I'm typing this I see one local VHF'er listing 7 wide digipeaters buy their callsigns, and the last statement is "WIDE"... Gimme a break!

73 de Bill/LFM

From ku0g@sprynet.com Wed Dec 04 21:23:06 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA12609 for <aprssig@tapr.org>; Wed, 4 Dec 1996 21:23:00 -0600 (CST)

Received: from JIMDUNCA (ts1-p38.wwi.net [204.153.64.139]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA25811 for <aprssig@tapr.org>; Wed, 4 Dec 1996 19:22:57 -0800

Date: Wed, 4 Dec 1996 19:22:57 -0800

Message-Id: <199612050322.TAA25811@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Jim Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:6956] Re: BLNs received

At 18:51 12/4/96 -0600, you wrote:

>>

>> > From:W10N-3 To:BLN1

>> > PORT DEFINITIONS APRS

>>

>> These BLNs are upgraded *constantly* with new stats. So virtually *every*

>> time I touch my keyboard, APRS prompts me to check the NEW BLN
>
>We are also flooded here in the Kansas City area. Perhaps (I hope)
>he knows not what he does? Does anyone know him? Maybe a nice chat
>over a cold beer is advised...
>

As of 2120 Hours CST this date W10N-3 is Budlisted from the KC GATE. I hope this will take care of the problem on our VHF system. I know there is also a GATE operating up in Iowa and hope they catch on to the same idea...

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From wclement@the-hermes.net Wed Dec 04 21:51:15 1996
Received: from seeker.hermesnet.net (root@seeker.the-hermes.net [205.177.6.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA14297 for <aprssig@tapr.org>; Wed, 4 Dec 1996 21:51:14 -0600 (CST)
Received: from wclement-ppp (apollo-2.the-hermes.net [205.177.6.62]) by seeker.hermesnet.net (8.8.2/8.8.2) with SMTP id WAA07068 for <aprssig@tapr.org>; Wed, 4 Dec 1996 22:49:27 -0500 (EST)
Message-ID: <32A64608.A77@the-hermes.net>
Date: Wed, 04 Dec 1996 22:48:24 -0500
From: "Dr. William I. Clement" <wclement@the-hermes.net>
Organization: Clement Engineering, Inc.
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: MIM Module and MIC-Encoder Revisions -- Published
References: <848159951-0-eac@shore.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have just posted on my web page a complete list of MIM Module and MIC-Encoder firmware revisions. This may be of interest to those who have purchased units in the past and are wondering if an upgrade is necessary. The file is in Microsoft Word 6.0 format and zipped for download.

By the way, for those MIC-Encoder beta testers, the beta test firmware is now complete ("MIC104e") and will leave my office shortly.

Regards,
Will, N3XLM

```
|=====|
| Dr. William I. Clement, President |
| Clement Engineering, Inc.         |
| 1261 Dogwood Road, Arnold, MD 21012-2220 |
| (office) 410.518.6591 / (sales) 410.268.6736 |
```

| (FAX) 410.268.4612 |
| mailto:wclement@the-hermes.net |
| http://home.navisoft.com/agrelo/clement.htm |
|=====|

From ddoobbins@juno.com Wed Dec 04 21:52:20 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA14336 for <aprssig@tapr.org>; Wed, 4
Dec 1996 21:52:18 -0600 (CST)
Received: (from ddoobbins@juno.com) by x11.boston.juno.com (queueemail)
id WwC21876; Wed, 04 Dec 1996 22:50:34 EST
To: aprssig@tapr.org
Date: Mon, 2 Dec 1996 19:40:27 PST
Subject: BARC SEATTLE APRS DEMO
Message-ID: <19961202.194641.4495.8.ddoobbins@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 5-6,9-16
From: ddoobbins@juno.com (David S Dobbins)

One last reminder for the Seattle area SIGsters: I'll be giving an APRS
demo at the Boeing Amateur Radio Club (BARC) monthly meeting on Saturday,
December 7th, at about 10:00 am, at their mtg place in Kent. I understand
there will be signs posted at key locations, and talk-in will be on
145.33 repeater. This is in the vicinity of 212th and Valley Hwy. Hope to
see you all there.

Will those of you who have APRS please have your stations OTA by 9:00.
Would like to see N7RIG mobile, if available, along with others, to show
some mobile capabilities.

David S. Dobbins/WH6YC
Greater Northwest APRS Coordinator
(Montana, Idaho, Oregon, Washington)
(360) 291-3707
ddoobbins@juno.com
ddoobbins@localaccess.com

From stevech@pacbell.net Wed Dec 04 22:53:42 1996
Received: from PACBELL.net (cherokee.snfc21.pbi.net [206.13.28.35]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA17142 for <aprssig@tapr.org>; Wed, 4 Dec 1996
22:53:36 -0600 (CST)
Received: from ppp-206-170-121-31.sndg02.pacbell.net
(ppp-206-170-121-31.sndg02.pacbell.net [206.170.121.31]) by PACBELL.net
(8.8.3/8.7.1) with SMTP id UAA14871 for <aprssig@tapr.org>; Wed, 4 Dec 1996
20:53:31 -0800 (PST)
Received: by ppp-206-170-121-31.sndg02.pacbell.net with Microsoft Mail
id <01BBE225.5C804C80@ppp-206-170-121-31.sndg02.pacbell.net>; Wed, 4 Dec 1996
20:54:37 -0800
Message-ID: <01BBE225.5C804C80@ppp-206-170-121-31.sndg02.pacbell.net>
From: Steve Childress <stevech@pacbell.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:6952] Re: Question on beacons
Date: Wed, 4 Dec 1996 20:54:36 -0800

MIME-Version: 1.0

Content-Type: multipart/mixed; boundary="-----=_NextPart_000_01BBE225.5C804C80"

-----=_NextPart_000_01BBE225.5C804C80

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

The question came to mind from the fellow who'd built a timer to stop the beacon from transmitting whilst his car was stationary for long periods of times.

From: Robert W Gervenack[SMTP:rgervenack@juno.com]

Sent: Wednesday, December 04, 1996 9:23 AM

To: aprssig@tapr.org

Subject: [APRSSIG:6952] Re: Question on beacons

How do you determine that the station is unattended?

Gervie, W7FEN

On Tue, 3 Dec 1996 22:45:10 -0600 (CST) Steve Childress

<stevech@pacbell.net> writes:

>I've been away from ham radio for quite a while.

>So please don't guffaw at the following...

>

>I note that people are using beacons which transmit from an

>unattended situation. Do the FCC regulations now allow one

>to transmit in this manner, without a station operator present

>nor a supervisory remote control link?

>

>steve

>WB6CSZ

>

>

-----=_NextPart_000_01BBE225.5C804C80

Content-Type: application/ms-tnef

Content-Transfer-Encoding: base64

eJ8+IiUEAQaQCAAEAAAAAAAAABAAEAAQeQBGAIAAAAA5AQAAAAAADoAAENgAQAAgAAAAIAAgABBJAG
AAwBAAAABAAAADAAAAAAMAADADAAAAACwAPDgAAAAACAf8PAQAAAD8AAAAAAAAAgSsfPL6jEBmdbgDd
AQ9UAgAAAAABhcHJzc2lnQHRhcHIub3JnAFNNVFAAYXByc3NpZ0B0YXByLm9yZWAAHgACMAEAAAAF
AAAAU01UUAAAAAAAEAMwAQAAABEAAABhcHJzc2lnQHRhcHIub3JnAAAAAAMAFQwBAAAAAwD+DwYA
AAAEAAEwAQAAABMAAAANyXByc3NpZ0B0YXByLm9yZycAAAIBCzABAAAAFgAAAFNNVFA6QVBSU1NJ
R0BUQVBSLk9SRwAAAAAAMADkAAAAACwBA0gEAAAAACAfYPAQAAAAQAAAAAAADEy4BCIAHABgAAABJ
UE0uTWljcm9zb2Z0IE1haWwuTm90ZQAxC AEAgAEAKwAAAFJF0iBbQVBSU1NJRzo20TUyXSBSZTog
UXVlc3Rpb24gb24gYmVhY29ucwBTDQEFgAMADgAAAMwHDAAEABQANgAKAAMAVAEBIIADAA4AAADM
BwwABAAUADUAIwADAFIBAQAQAAQAAAAAQQT4NDgxMTgxNzRFRDAXMUJCODM0NDQ1NTM1NDAAwMDAA
uwYBA5AGADAFAAAAAACAACwAjAAAAAADACYAAAAAAAsAKQAAAAAAAwA2AAAAABAAADkAgGivaWji
uwEeAHAHAQAACsAAAABSRToGw0FQU1NTSUC6Njk1M10gUmU6IFF1ZXN0aw9uIG9uIGJlYWVnbMA
AAIBcQABAAAAFgAAAAAG74mhprxiBhKV0FxFHQu4NERVNUAAAAAB4AHgwBAAAABQAAAFNNVFAAAAAA

HgAfDAEAAAAUAAAAc3RldmVjaEBwYWNiZWxsLm5ldAADAAYQ2LeALAMABxCaAgAAHgAIEAEAAAAB1
AAAAVEhFUVVFU1RJT05DU1FVE9NSU5ER1JPTVRIRUZFTExPV1dIT0RCVU1MVEFUSU1FU1RPU1RP
UFRIRUJFQUNPTkZST01UUkFOU01JVFRJTKdXSE1MU1RISVNDQVJXQVNTVEFUSQAAAAACAQkQAQAA
AKIDAACeAwAAHgYAAExaRnUk1N1l/wAKAQ8CFQKoBesCgwBQAvIJAjBjaArAc2V0MjcGAAABDAoMy
A8UCAHByQnER4nN0ZW0CgzN3AuQHEwKAfQqACM8J2TvxFg8yNTUCgAqBDbELY0BuZzEwMxRQCwoU
UQUL8mMAQCBUaGUgFnEKUBPAaQIgIGNhQqEAIHRvIG0LgGSOIANSHAABAWZ1bBWgIQfgd2hvJxxw
YnX7AxAFQGEcAAAdxBcAcERPA5G9wHNNiZQDQAiAKhb0c1HIAcRxAAKALgGcdgXsDEBPAICGQBCAb
wAXAd7ZhBCATwGEbcgrAeRyAdwWxFaAhUXAGcQRwBCBvMmYeY3MuCoUKi2xpCDE4MALRaS0xNJ40
DfAM0CbJc1kxNgqg6wNgE9BjBUAtKQcKhYe76wwwKIZGA2E6Kg4ohgyChwfxH5AAICBXIEcEkAZ2
CfAA0GtbU01UEFA6cmcuZkBqdchuby4FoG1dKa8qva8GYAIwK+8s+1cJgG4HkMBkYXksIEQFkBPg
ES3hIDA0NTAx0T1ANiA50jIzFLBNszCPK1r1UbzLPLPthE1CxBBBpZ0ABkBNQLgWwxmc27zGedWJq
KME5DwEs+1tBUfJTU0mARzo20TUyXQfwumU+UFEbRhuRH5RzJQ+5JhMzNieHGKuohkgdYfphHCB5
CGBFwBHABJAcQd8b8RGABUAc4iK1ICIBMADvItAT0BxgCYA/CoUuUgiQQTUwVzdGRU5CnE99A6BU
C1A1MDagNVE2FDJgMjo0NT0ZMCjwMINEAEyQKENTVcKGANMT0C6AIEMhkWQWEAQXQqFPBPBLoAR
cEAKsGPLH5AdQC400HQ+HYAFEIkT0HM6CoU+SSdNoF8fkAnwHkAicCNBHKIRgBzA/SDAZBuAI1Mb
MFBRRHkEhguR1LiVmPlMcIAtQH6CTEbBFwW4nBUBndQ3Qv1HAHkBHFAIQHUIhQS5XIPtQp1CnIDAQ
U3FG4yPwHyD/U/AeQBYQSBAACFRQIUhcv8RcCCnHIQAcFCmSCge8CEQNNuI01QQRBwghOJGQ/pD
UpBlVbALYBtyBCAwEPdWAR1DAiBlUKYCaIsHC4DvHNEiAQ0BNBNyNTAD8Bzg/whgHjJHdh8gBJAi
0AWxE1C/B5AykVCmMBAFwGLxdSPx/UlwCWwI0AWEARGU3Efwe8gsAbwI5ALgGtIx1fHTuPRVCdX
QjZNIFFpXXkKcX0MPRB8o1QqFFTEAbtAAAAAABEAAAAAAAAAwAREIAAAABAAAACwgBBYRWjjuwFAAAgw
gBBYRWjjuwEeAD0AAQAAAAUAAAABSRToGAAAAACJ6

----- =_NextPart_000_01BBE225.5C804C80--

From alan@watsun.cc.columbia.edu Wed Dec 04 23:20:11 1996
Received: from manila.cc.columbia.edu (manila.cc.columbia.edu [128.59.39.200]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA18231 for <aprssig@tapr.org>; Wed, 4
Dec 1996 23:20:09 -0600 (CST)
Received: (from alan@localhost) by manila.cc.columbia.edu (8.8.3/8.8.3) id
AAA07259 for aprssig@tapr.org; Thu, 5 Dec 1996 00:20:08 -0500 (EST)
Date: Thu, 5 Dec 96 0:20:08 EST
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: aprssig@tapr.org
Subject: yet another java TNC server
Message-ID: <CMM.0.90.4.849763208.alan@manila.cc.columbia.edu>

<http://www.cloud9.net/~alan/ham/aprs/aprsmon.tgz> is a TNC monitor for
javAPRS that runs under Linux (you know, the OS Intel hardware was
meant for:-) It has configurable amount of packet backlog to save up
but no smarts to reduce the data at this point. Runs under Linux
2.0.0 with the Kernel-based ax.25 stack and axutils-2.0.12.

I'm currently using it with a TINY-2 in KISS mode and have tested it
with a BAYPAC with the recently-released Linux Baycom driver as well.
Since the kernel is doing the AX.25 low-level interface and uniformly
making it all look like KISS frames, even a lowly Baypac can look like
a "real" TNC.

I do not yet have an Internet-connected host running it (unless you
happen to telnet to my home machine right now while I'm typing
this:-).

It works great as a standalone means of monitoring the APRS net without

having to reboot the durn machine into DOS or Windoze. I run appletviewer, which is part of the Java development kit (jdk) and have this param in my html file:

```
<PARAM name = "dataFile1" value = "netc:14579:localhost">
```

It works with Netscape too, but appletviewer is a lot zippier.

Kudos to Steve for making that lousy excuse for a programming language jump through hoops. Too bad he won't let us read his code and learn from him:-(

aprsmon is free software (source code) under the usual Gnu public license terms and is based in part on source code from axutils-2.0.12.

I've also included a modified version of axutils' "beacon" which is what is causing N2YGK-8 to beacon every 120 minutes or so.

Still need to work on digipeating -- probably just a few mods to axdigi.

73 de Alan N2YGK

PS: TIGER/Line 1995 CD ROMs started shipping a couple of months ago. They now use WGS-84 datum instead of NAD-27 so one less thing to have to get around to on tig2aprs:-) Unfortunately, my local library has not yet received them (more likely they are in the huge stack of received but not yet cataloged books....)

PPS: Got change of a \$20? [New Columbia U greeting]

From vodall@juno.com Thu Dec 05 00:45:51 1996

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA27881 for <aprssig@tapr.org>; Thu, 5 Dec 1996 00:45:49 -0600 (CST)

From: vodall@juno.com

Received: (from vodall@juno.com) by x4.boston.juno.com (queueemail) id BYJ12915; Thu, 05 Dec 1996 01:45:24 EST

To: aprssig@tapr.org

Date: Wed, 4 Dec 1996 23:32:12 MST

Subject: Re: [APRSSIG:6943] DLG Location System

Message-ID: <19961204.234713.10135.0.vodall@juno.com>

References: <s2a55708.007@novell.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0-9,11,13-25

>I have a request to anyone who can help me. My area has VERY limited
>APRS activity (Utah). Could someone from a very active area please
>send me a raw text file of the APRS traffic in your area for a period
>of
>time? This would help my development efforts greatly.

Jim,

There's zilch local APRS activity here, but I monitor 10.151 LSB packet and digi it out to the local node. If you can get on there, you'll have good stuff coming in all day long from around the country.

Good Luck.

>
>Thanks in advance,
>
>Jim Olsen
>jim_olsen@novell.com

Bill, WA7NWP

From pmann@juno.com Thu Dec 05 00:47:52 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA27929 for <aprssig@tapr.org>; Thu, 5 Dec 1996 00:47:50 -0600 (CST)
Received: (from pmann@juno.com) by x4.boston.juno.com (queuemail) id BZA12915; Thu, 05 Dec 1996 01:47:28 EST
To: aprssig@tapr.org
Subject: Re: BLNs received
Message-ID: <19961203.121433.3807.0.PMANN@juno.com>
References: <199612050322.TAA25811@m1.sprynet.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-3
From: pmann@juno.com (PETER J MANN)
Date: Thu, 05 Dec 1996 01:47:28 EST

I will do the same in Tulsa,OK

HAVE A GREAT DAY!
Pete

From alan@watsun.cc.columbia.edu Thu Dec 05 01:42:48 1996
Received: from manila.cc.columbia.edu (manila.cc.columbia.edu [128.59.39.200]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA00467 for <aprssig@tapr.org>; Thu, 5 Dec 1996 01:42:47 -0600 (CST)
Received: (from alan@localhost) by manila.cc.columbia.edu (8.8.3/8.8.3) id CAA08658; Thu, 5 Dec 1996 02:42:46 -0500 (EST)
Date: Thu, 5 Dec 96 2:42:45 EST
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: aprssig@tapr.org
Subject: non-live javAPRS page
Cc: wecafolks: ;
Message-ID: <CMM.0.90.4.849771765.alan@manila.cc.columbia.edu>

Just some local stuff using two or three dos maps generated from tiger files -- and with a nice white background:-) Shows N2AMP driving

around the county with his MIM (with a real good demo of SA jumpiness:-) and N1HF just passin' through I guess (no doubt having a QSO on the low bands). Seems like Arte might have moved his car across the street, too (or just more SA jump).

<http://www.cloud9.net/~alan/ham/aprs/java>

I had to edit my valid APRSdos maps for javAPRS to successfully parse them. Just something to look out for. Namely, floating point map ranges break javAPRS as do multiline comments before the initial 0,0.

My kludge for multi-line labels to circumvent APRSdos 12 char limit shows up quite clearly too, just like in WinAPRS.

I'll be needing some extra Java at work tomorrow (er, this) morning.

73
/a

From jratchf@bulldog.afsc.k12.ar.us Thu Dec 05 07:02:14 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA09798 for <aprssig@tapr.org>; Thu, 5 Dec 1996 07:02:12 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id HAA21207; Thu, 5 Dec 1996 07:02:08 -0600
Date: Thu, 5 Dec 1996 07:02:08 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:6951] Re: Colors on WinAPRS
In-Reply-To: <2.2.32.19961204231538.006a1db0@mail.cts.com>
Message-ID: <Pine.LNX.3.91.961205065922.21088A-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Paper maps, which I'm sure you've read before, are on white paper! Why not use the colors that Rand-McNally have been using for years? If a person can see the fetures of the program for the color of the background..... how does that go? Can't see the forest for the trees?

Don't take offense, this is just an opinion.

On Wed, 4 Dec 1996, Barbara Fehner wrote:

> There are at least two people in the San Diego area who would like to use
> WAPRS but don't because of the background color. Most of the others here
> that use it have complained about the way the maps look. The problem is that
> when I make my maps I choose the colors according to the contrast with the
> black background. When the map is displayed on a white background the
> contrast is reversed making the less prominent features stand out and the
> important features wash out. I also would like to see the choice of a black
> or dark grey background.
>

> Barbara KK6IB
> E-Mail: fehner@cts.com
>

From jratchf@bulldog.afsc.k12.ar.us Thu Dec 05 07:05:40 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA10053 for <aprssig@tapr.org>; Thu, 5 Dec 1996
07:05:38 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id
HAA21222; Thu, 5 Dec 1996 07:05:32 -0600
Date: Thu, 5 Dec 1996 07:05:32 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:6955] W10N-3
In-Reply-To: <Pine.GS0.3.95.961204194244.8237Q-100000@arctic>
Message-ID: <Pine.LNX.3.91.961205070447.21088B-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well said! I agree. The problem should not be avoided, but fixed!

On Wed, 4 Dec 1996, Bob Bruninga wrote:

> I agree, but BUDLISTING wont educate him to the problems he is causing.
> Someone must make human contact and educate hiim. He is totally wasting
> bandwidth resources and QRMing most of the country. PERIOD. It should be
> stopped...
>
> On Wed, 4 Dec 1996, Steve Dimse wrote:
>
> > >These BLNs are upgraded *constantly* with new stats. So virtually *every*
> > >time I touch my keyboard, APRS prompts me to check the NEW BLN (when the
> > >only thing "new" is the STATS in his BLN2)
> > >
> > Sounds like you need to budlist him. I did months ago. On the Mac, all
> > message to you and beacons are spoken aloud. Besides having no info I
> > care about, the format of his message results i being pronounced by
> > computer as a 30 secong long run-together sentence. Very annoying.
> > Setting the budlist cures all of this.
> >
> > Steve K4HG
> >
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
>

From N2ZRC@gnn.com Thu Dec 05 07:35:41 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id HAA11036 for <aprssig@tapr.org>; Thu, 5 Dec 1996 07:35:40 -0600 (CST)

Received: from 36-216.client.gnn.com. (36-216.client.gnn.com [205.188.36.216])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id IAA16907 for <aprssig@tapr.org>;
Thu, 5 Dec 1996 08:35:07 -0500 (EST)

Message-Id: <199612051335.IAA16907@mail-e2b.gnn.com>

X-Mailer: GNNmessenger 1.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Thu, 05 Dec 1996 08:34:50

From: N2ZRC@gnn.com (Arte Booten)

To: aprssig@tapr.org

Subject: My X(mit) B(eacon) error

Hi Bob, and the SIG,

[illegible]

Mr. Arte Booten (N2ZRC @ gnn.com)
 Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From schiers@ames.net Thu Dec 05 08:10:49 1996

Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id IAA12388 for <aprssig@tapr.org>; Thu, 5 Dec 1996 08:10:47 -0600 (CST)

From: schiers@ames.net

Message-Id: <199612051410.IAA12388@tapr.org>

Received: from [206.29.126.237] by ames.net id 3f160.wrk; Thu, 5 Dec 1996 07:56:44 -0600

Date: Thu, 05 Dec 96 08:09:22 -0600

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6970] Re: W10N-3

In-Reply-To: <920597@bbs.ames.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.2a

In <920597@bbs.ames.net>, on 12/05/96 at 07:00 AM,
aprssig@tapr.org said:

```
>Well said! I agree. The problem should not be avoided, but fixed!
```

>On Wed, 4 Dec 1996, Bob Bruninga wrote:

>> I agree, but BUDLISTING wont educate him to the problems he is causing.
>> SOmeone must make human contact and educate hiim. He is totally wasting
>> bandwidth resources and QRMing most of the country. PERIOD. It should be
>> stopped...

>>

>> On Wed, 4 Dec 1996, Steve Dimse wrote:

>>

>> > >These BLNs are upgraded *constantly* with new stats. So virtually *every*
>> > >time I touch my keyboard, APRS prompts me to check the NEW BLN (when the
>> > >only thing "new" is the STATs in his BLN2)

>> > >

>> > Sounds like you need to budlist him.

Budlisting doesn't solve the problem of using up precious HF bandwidth. He is transmitting on HF for no purpose whatever. No one needs to know ANYTHING he is transmitting on HF.

Aren't there any locals who know about HF that can call him on the phone and ask him to stop? 73,

hasan schiers, NOAN--

schiers@ames.net

From schiers@ames.net Thu Dec 05 08:17:57 1996

Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id IAA12630 for <aprssig@tapr.org>; Thu, 5 Dec 1996 08:17:56 -0600 (CST)

From: schiers@ames.net

Message-Id: <199612051417.IAA12630@tapr.org>

Received: from [206.29.126.237] by ames.net id 40790.wrk; Thu, 5 Dec 1996 08:03:50 -0600

Date: Thu, 05 Dec 96 08:17:27 -0600

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6959] Re: Colors on WinAPRS

In-Reply-To: <920067@bbs.ames.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.2a

In <920067@bbs.ames.net>, on 12/04/96 at 08:47 PM,
aprssig@tapr.org said:

>So as long as we do not have a choice I hope it remains white.

Hi Bill (w0omv)

I agree, if we don't have a choice to play with, I would like to see it stay white.

73,

hasan schiers, NOAN--

schiers@ames.net

From sdimse@bridge.net Thu Dec 05 08:18:38 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA12873 for <aprssig@tapr.org>; Thu, 5 Dec 1996 08:18:28 -0600 (CST)
Received: from [199.174.158.227] (ad40-227.compuserve.com [199.174.158.227]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id JAA26055 for <aprssig@tapr.org>; Thu, 5 Dec 1996 09:18:14 -0500 (EST)
Message-Id: <199612051418.JAA26055@newworld.bridge.net>
Subject: Re: [APRSSIG:6970] Re: W10N-3
Date: Thu, 5 Dec 96 09:18:16 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Well said! I agree. The problem should not be avoided, but fixed!

>

But you missed the point...I was responding to a local VHF user who _had_ tried to educate him. For whatever reason, this guy seems to be completely unresponsive to any means to contact him.

Steve K4HG

From schiers@ames.net Thu Dec 05 08:26:45 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA13000 for <aprssig@tapr.org>; Thu, 5 Dec 1996 08:26:43 -0600 (CST)
From: schiers@ames.net
Message-Id: <199612051426.IAA13000@tapr.org>
Received: from [206.29.126.237] by ames.net id 418f0.wrk; Thu, 5 Dec 1996 08:12:30 -0600
Date: Thu, 05 Dec 96 08:17:27 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6959] Re: Colors on WinAPRS
In-Reply-To: <920067@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.2a

In <920067@bbs.ames.net>, on 12/04/96 at 08:47 PM,
aprssig@tapr.org said:

>So as long as we do not have a choice I hope it remains white.

Hi Bill (w00mv)

I agree, if we don't have a choice to play with, I would like to see it

stay white.

73,

hasan schiers, NOAN--

schiers@ames.net

From schiers@ames.net Thu Dec 05 08:31:00 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA13083 for <aprssig@tapr.org>; Thu, 5 Dec 1996
08:30:57 -0600 (CST)
From: schiers@ames.net
Message-Id: <199612051430.IAA13083@tapr.org>
Received: from [206.29.126.237] by ames.net id 42180.wrk; Thu, 5 Dec 1996 08:16:50
-0600
Date: Thu, 05 Dec 96 08:27:29 -0600
To: aprssig@tapr.org
Subject: Win95/Java Internet Explorer Question
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.2a

Yesterday I got my xyl's machine upgraded and put w95 on it. Using the
built in web browser, which I think is Internet Explorer v 3.01, I am
having great success going to wa4dsy et al.

One problem, both apr and dsy sites refer to opening the Java Console to
see incoming data or station lists. I can't find the procedure anywhere to
open a java console for the internet explorer. Can anyone help me with
this?

The java console works fine under Netscape/2 and the Warp4 applet viewer
under OS/2, but W95 is a mystery to me. TIA

73,

hasan schiers, NOAN--

schiers@ames.net

From schiers@ames.net Thu Dec 05 08:40:26 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA13677 for <aprssig@tapr.org>; Thu, 5 Dec 1996
08:40:24 -0600 (CST)
From: schiers@ames.net
Message-Id: <199612051440.IAA13677@tapr.org>
Received: from [206.29.126.237] by ames.net id 43480.wrk; Thu, 5 Dec 1996 08:26:18
-0600
Date: Thu, 05 Dec 96 08:39:47 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6974] Re: W10N-3

In-Reply-To: <920716@bbs.ames.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.2a

In <920716@bbs.ames.net>, on 12/05/96 at 08:15 AM,
aprssig@tapr.org said:

>For whatever reason, this guy seems to be
>completely unresponsive to any means to contact him.

Ahhh...tnx info. Time for the old "pin through the coax"
solution....just kidding, folks. 73.

hasan schiers, NOAN--

schiers@ames.net

From rwf@mindspring.com Thu Dec 05 09:11:12 1996

Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA15390 for <aprssig@tapr.org>; Thu, 5
Dec 1996 09:11:10 -0600 (CST)

Received: from ms137746.mindspring.com (borg.mindspring.com [204.180.128.14]) by
mule1.mindspring.com (8.8.2/8.7.3) with SMTP id PAA49910 for <aprssig@tapr.org>;
Thu, 5 Dec 1996 15:11:07 GMT

Message-Id: <3.0.32.19961204091051.006a8acc@mindspring.com>

X-Sender: rwf@mindspring.com (Unverified)

X-Mailer: Windows Eudora Pro Version 3.0 (32)

Date: Thu, 05 Dec 1996 07:00:44 -0500

To: aprssig@tapr.org

From: rwf <rwf@mindspring.com>

Subject: Re: [APRSSIG:6933] Scanner with APRS:

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

You didn't say, but I'm assuming you are not using a laptop or other PC in
the car, right?

I update maps a lot using GPS too. When I track roads and have the laptop,
I set the posrate to 1 second and leave the transmit rate at the default
180 seconds. The built in HSP of the pico can handle 1 second screen
updates and have not a single glitch. My old hardware HSP usually screwed
up every other position or APRS received posit (or got HSP timeout)
whenever the position rate was less than 5 seconds or so.

I just re read the above and need to clarify: NO I am NOT transmitting
every 1 second, only screen updating.

Ralph

At 11:32 PM 12/3/96 -0600, you wrote:

>When I track I use a Garmin GPS45XL, KPC-3, and the HTX-202. I transmit

>every 10 or 15 seconds when doing the roads for updating the maps. To
>receive the data I take along another KPC-3, HTX-202 and a HP200LX Palmtop.
>I use the Trimble for an antenna. This configuration works great.

From sparkfel@primenet.com Thu Dec 05 09:51:04 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA17547 for <aprssig@tapr.org>; Thu, 5
Dec 1996 09:50:58 -0600 (CST)
Received: from ip-20-227.phx.primenet.com (ip-20-227.phx.primenet.com
[206.165.20.227]) by primenet.com (8.8.3/8.8.3) with SMTP id IAA09625; Thu, 5 Dec
1996 08:50:46 -0700 (MST)
Date: Thu, 5 Dec 1996 08:50:46 -0700 (MST)
Message-Id: <1.5.4.16.19961205085043.219fd51c@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: "Mark D. Fellhauer" <sparkfel@primenet.com>
Subject: Re: [APRSSIG:6947] Garmin GPS II

At 03:24 PM 12/4/96 -0600, ed j wilson wrote:

>Anyone familiar w/ the Garmin GPS II?

>Does it have a removable antennae?

>NMEA output?

>

>any other comments?

>

>thanks in advance!

>73 de N2XDD Ed Wilson

>

I too saw the GPS II (on Garmin's web page) and started salivating. I went
to HRO, which carries Garmin GPS units, they had them listed, at \$249.00,
but not yet in stock. I went to Popular Outfitters (Good Phoenix based
camping/sporting goods store). They had the flyer on them, but none on
display. The manager saw the flyer in my hand and mentioned that the GPS II
sure was a neat unit, but Garmin had recalled all of Popular's stock, due to
a bug in the firmware.

Here are some spec's:

250 Waypoints, nearest 9 automatic

106 Map Datums

Coodinates of LAT/LON, UTM/UPS, plus 7 grids (including maidenhead)

NMEA 183 and RS-232 DGPS correction

2.32" x 5" x 1.62"

External antenna w/standard BNC connector

Power by 4 AA batteries or 10-36 volts DC @ .75 watts

Hope that helps.

73,

Mark KC7BXS

From ad4bl@beaches.net Thu Dec 05 10:08:36 1996
Received: from wave.beaches.net (root@wave.beaches.net [206.240.81.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA18101 for <aprssig@tapr.org>; Thu, 5 Dec 1996 10:08:35 -0600 (CST)
Received: from gateway (pls28.beaches.net [206.240.81.128]) by wave.beaches.net (8.8.3/8.7.3) with SMTP id KAA17895 for <aprssig@tapr.org>; Thu, 5 Dec 1996 10:08:33 -0600 (CST)
Message-ID: <32A6F351.7126@beaches.net>
Date: Thu, 05 Dec 1996 10:07:45 -0600
From: Linda Mullen <ad4bl@beaches.net>
Reply-To: ad4bl@beaches.net
Organization: INTERNET HQ, Inc. Making the Internet work for *you*!
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6961] Re: BLNs received
References: <199612050322.TAA25811@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We are also getting the bulletins here in North Florida...

Linda AD4BL

From truxenia@erinet.com Thu Dec 05 11:42:08 1996
Received: from erinet.com (eri-shell.erinet.com [207.0.229.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA21827 for <aprssig@tapr.org>; Thu, 5 Dec 1996 11:42:07 -0600 (CST)
Received: from truxenia (dlp150.dayton.eri.net [207.90.116.182]) by erinet.com (8.8.0/8.8.0) with ESMTP id MAA14123 for <aprssig@tapr.org>; Thu, 5 Dec 1996 12:40:02 -0500 (EST)
Message-Id: <199612051740.MAA14123@erinet.com>
From: "Truman Boerkoel" <truxenia@erinet.com>
To: "Sig APRS" <aprssig@tapr.org>
Subject: ACARS & KCP-3
Date: Thu, 5 Dec 1996 12:42:03 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Has anyone been able to use ACARS (APRSAIR.EXE) with the Kantronics KPC-3 with ver 6.0 GPS firmware?

If so, please share the details on how you set the TNC & Software.

Thanks es Vry 73 de Tru K8JUG

truxenia@erinet.com

From knupke@csee.usf.edu Thu Dec 05 11:49:14 1996
Received: from babbage.csee.usf.edu (root@babbage.csee.usf.edu [131.247.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA22424 for <aprssig@tapr.org>; Thu, 5 Dec 1996 11:49:11 -0600 (CST)
Received: from babbage (knupke@babbage [131.247.1.2]) by babbage.csee.usf.edu (8.8.3/8.7.3) with SMTP id MAA25426 for <aprssig@tapr.org>; Thu, 5 Dec 1996 12:48:55 -0500 (EST)
Date: Thu, 5 Dec 1996 12:48:53 -0500 (EST)
From: "Paul E. Knupke Jr. (KR4YL)" <knupke@csee.usf.edu>
X-Sender: knupke@babbage
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6980] Re: BLNs received
In-Reply-To: <32A6F351.7126@beaches.net>
Message-ID: <Pine.SOL.3.95.961205124848.23472B-100000@babbage>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Paul Knupke, Jr.	/	Pinellas County ARES Asst. EC
knupke@babbage.csee.usf.edu	/	Pinellas County Skywarn
Largo, FL USA	/	Fidonet 1:3603/570
Amateur Radio Callsign: KR4YL	/	Florida Contest Group Member

From bruninga@nadm.navy.mil Thu Dec 05 12:23:04 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA24589 for <aprssig@tapr.org>; Thu, 5 Dec 1996 12:23:03 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id NAA23707; Thu, 5 Dec 1996 13:21:54 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 5 Dec 1996 13:21:53 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: ROBERT MARLEY <MARLEY@LU.LINCOLN.EDU>
cc: aprssig@tapr.org
Subject: Re: FOOTBALL RUN
In-Reply-To: <32A70DB9.1FF4@LU.LINCOLN.EDU>
Message-ID: <Pine.GSO.3.95.961205131720.16501J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The F0otbal run tomorrow from Annapolis to Philadelphia starting at noon will have 2 vans. Both will have 1 watt APRS stations and 40 watt voice radios with Mic Encoders. They will both use the path of RELAY,WIDE,WIDE. If there are any local HAMS that wanted to shadow them when they are far from a digipeater to provide a mobile "RELAY" would be helpful.

They will pass through Baltimre about afternooon rush hour and proceed up route 1 crossing into PA about 2200. Arrive Philly about 0700 the next

morning. Nobody much cares past midnight except for local comms between
football and the command post at Oxford PA...

On Thu, 5 Dec 1996, ROBERT
MARLEY wrote:

> HELLO, I SAW YOU TESTING LAST NIGHT. WHEN ZOOMED IN IT LOOKED LIKE YOU
> WENT SWIMMING A COUPLE OF TIMES. IS THERE ANYTHING I CAN DO TO HELP
> WHEN YOU PASS THROUGH THE AREA? IF SO LET ME KNOW AND I WILL TRY TO BE
> AVAILABLE. WHEN DO YOU THINK YOU WILL BE COMMING INTO THE AREA?
> ALSO APR-11 SEEMS TO BE DOWN AGAIN.
>
> 73 de N3OBQ ROBERT MARLEY
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bap@storm.atms.purdue.edu Thu Dec 05 15:16:39 1996
Received: from storm.atms.purdue.edu (storm.atms.purdue.edu [128.210.14.27]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA02044 for <aprssig@tapr.org>; Thu, 5
Dec 1996 15:16:30 -0600 (CST)
Received: from localhost by storm.atms.purdue.edu (AIX 3.2/UCB 5.64/4.03)
id AA46314; Thu, 5 Dec 1996 16:15:31 -0500
Date: Thu, 5 Dec 1996 16:15:26 -0500 (EST)
From: BRETSKI <bap@storm.atms.purdue.edu>
To: APRS <aprssig@tapr.org>
Subject: Re: registration info
In-Reply-To: <Pine.A32.3.93.961112100057.32731A-1000000@storm.atms.purdue.edu>
Message-Id: <Pine.A32.3.93.961205161501.40604A-1000000@storm.atms.purdue.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello.

I really like the APRS software!

The other day I got about 15 hits -- even one from Puerto Rico!

I registered the software with you folk awhile back but I lost the
registration number you sent me along with the sheet about how to
enter the number in the program.

Could you please send it again?

Sorry.

:- (

BRET A. PENNINGTON / COMPUTER TECH /EARTH & ATMOSPHERIC SCIENCES
317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\ /\ /\ /\ /\ _ _... /\ /\ /\ /\ /\ N9ZFF /\ /\ /\ /\ /\ ...__ /\ /\ /\ /\ /\

From N2ZRC@gnn.com Thu Dec 05 16:02:57 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA03869 for <aprssig@tapr.org>; Thu, 5 Dec 1996
16:02:52 -0600 (CST)
Received: from 71-250.client.gnn.com (65-153.client.gnn.com [205.188.65.153])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id RAA11054 for <aprssig@tapr.org>;
Thu, 5 Dec 1996 17:02:17 -0500 (EST)
Message-Id: <199612052202.RAA11054@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Dec 1996 17:01:47
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Re: Port Definitions from W10N-3

Hi Richard,

On Wed, 4 Dec 1996 Richard Amirault replied to my e-mail:

>> I hate to say it, but you're about as geographically close as anybody to
this
>>fellow. Could you possibly give him (her?) a phone call and some gentle
education?
>>I'm sure everybody from coast-to-coast on .79 and .151 would greatly appreciate
it.

with

>There are a bunch of folks closer, but yes we are all in the Greater Boston area.
I
>don't think I've ever talked with this person (his name is DOC) more than once or
>twice since I've had my ticket. I get the impression that he is an opinionated old
>cuss from what I've heard others say over the air. I really don't think I have
the
>social skills to approach him on this matter.
>
>Maybe if I collected the sig msgs regarding his practices into one file and sent
>them to him... I've got to discuss this with some of the other locals first.

Perhaps we all could send them to him via PBBS. He'd probably be there all
day
downloading them at 1200 baud, seeing that QRM and channel overloading can work
both
ways ;-(

Seriously, BUDListing somebody has to be considered as a "last resort."

Doing

so doesn't reduce the QRM on 30M as he's probably going to be unaware that he's no longer being ECHOed or DIGI'd. Also, let's not forget what happened to Bill a few weeks ago when HE was BUDListed. Doc (at least going by Richard's description) may not even CARE if some stations do so.

BTW, according to my 1994 callbook, W10N is listed as Arthur P. Peardon, 139 Buckskin Path, Centerville MA 02632. Not that I'm suggesting any course of action by having this address, of course. 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From jleonard@tbcnet.com Thu Dec 05 17:26:29 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA06797 for <aprssig@tapr.org>; Thu, 5 Dec 1996 17:26:28 -0600 (CST)
Received: from PR157.tbcnet.com (PR157.tbcnet.com [207.112.227.57]) by tbc1.tbcnet.com (8.8.4/8.8.2) with SMTP id RAA07428 for <aprssig@tapr.org>; Thu, 5 Dec 1996 17:26:26 -0600
X-Authentication-Warning: tbc1.tbcnet.com: PR157.tbcnet.com [207.112.227.57] didn't use HELO protocol
Message-Id: <1.5.4.32.19961205232620.006deb14@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Dec 1996 17:26:20 -0600
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:6985] Re: Port Definitions from W10N-3

The Buckmaster Callsign Lookup sez:

W10N is

MITRE BEDFORD AMATEUR RADIO CLUB (KB1JY-TR)
Mitre Corp 202 Burlington Rd
Bedford, MA 01730

Country of License : USA
Birth Date : 10/15/1942
Expiration Date : 08/01/2006
Email address unknown.

At 16:07 12/5/96 -0600, you wrote:

>
> BTW, according to my 1994 callbook, W10N is listed as Arthur P.
Peardon, 139
>Buckskin Path, Centerville MA 02632. Not that I'm suggesting any course
of action
>by having this address, of course. 73
>

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services - DeKalb Co Chapter

From dayglo@radix.net Thu Dec 05 18:34:00 1996
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA09290 for <aprssig@tapr.org>; Thu, 5 Dec 1996
18:33:59 -0600 (CST)
Received: from saltmine.radix.net (dialin3.annex4.radix.net [204.157.139.6]) by
news1.radix.net (8.8.3/8.8.3) with SMTP id TAA09924 for <aprssig@tapr.org>; Thu, 5
Dec 1996 19:35:58 -0500 (EST)
Message-Id: <2.2.32.19961206002930.00727c98@pop.radix.net>
X-Sender: dayglo@pop.radix.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Dec 1996 19:29:30 -0500
To: aprssig@tapr.org
From: Dayglo <dayglo@radix.net>
Subject: Re: [APRSSIG:6986] Re: Port Definitions from W10N-3

Adding to this a bit QRZ (<http://www.qrz.com>) on the Internet had this to
add about W10N:

Trustee: KENNETH H WICKWIRE KB1JY

Callsign: KB1JY
Name: KENNETH H WICKWIRE
Addr1: 232 NORTH RD 17
Addr2: BEDFORD MA 01730
Country: USA
Class: Extra
Effective: 23 Aug 1995
Expires: 17 Sep 2001
Born: 15 Oct 1942
Location: 42.492 N 71.276 W Middlesex County

At 05:30 PM 12/5/96 -0600, you wrote:

>The Buckmaster Callsign Lookup sez:
>
>W10N is

>
>MITRE BEDFORD AMATEUR RADIO CLUB (KB1JY-TR)
>Mitre Corp 202 Burlington Rd
>Bedford, MA 01730
>
>Country of License : USA
>Birth Date : 10/15/1942
>Expiration Date : 08/01/2006
>Email address unknown.

From tomcmugs@n-link.com Thu Dec 05 19:02:40 1996
Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA10006 for <aprssig@tapr.org>; Thu, 5 Dec 1996
19:02:39 -0600 (CST)
Received: from tomcmugs ([208.135.244.47]) by n-link.com (8.6.12/8.6.9) with SMTP
id TAA20289 for <aprssig@tapr.org>; Thu, 5 Dec 1996 19:02:33 -0600
Message-ID: <32A78D97.2DBD@n-link.com>
Date: Thu, 05 Dec 1996 19:05:59 -0800
From: Tommie Taylor <tomcmugs@n-link.com>
Organization: A1 Kustom Mugs
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: APRS From TX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anyone see us on there APRS Screen..
KC5UJH
We run ours here in Lampasas, TX 24hrs a day..

--
CUSTOM MUGS, 13 Dana drive, Lampasas Tx 76550-1113
<http://www.web2.com/cmugs/>
Internet: tomcmugs@n-link.com / tomcmugs@juno.com
Phone: (512) 556-4691 This is also a FAX Request line:)
We Print your Color Photos onto coffee mugs..... Check us out.

From cbuttsch@slonet.org Thu Dec 05 19:18:15 1996
Received: from oso.slonet.org (cbuttsch@oso.slonet.org [207.114.180.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA10899; Thu, 5 Dec 1996 19:18:09 -0600
(CST)
Received: from localhost (cbuttsch@localhost) by oso.slonet.org (8.7.6/8.7.3) with
SMTP id RAA06746; Thu, 5 Dec 1996 17:15:57 -0800 (PST)
Date: Thu, 5 Dec 1996 17:15:57 -0800 (PST)
From: Clifford Buttschardt <cbuttsch@slonet.org>
To: aprssig@tapr.org, mic-e@tapr.org
Subject: Garmin 20 problem
Message-ID: <Pine.GS0.3.95.961205170916.6174A-1000000@oso.slonet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My Garmin 20 obtained from TAPR works well when in continuous operation

from an external power supply BUT on occasion simply refuses to display data. The serial data stream is there, but the device refuses to update. Simply breaking the 5 volt power which allows the unit to internally reset will again produce valid fix information for periods as long as a week.

This one is going to be rather hard to fix, but have any other members found this situation occurring? At least this is a start. Cliff K7RR

From 71301.3106@CompuServe.COM Thu Dec 05 19:47:45 1996
Received: from hil-img-4.compuserve.com (hil-img-4.compuserve.com [149.174.177.134]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA11984 for <aprssig@tapr.org>; Thu, 5 Dec 1996 19:47:44 -0600 (CST)
Received: by hil-img-4.compuserve.com (8.6.10/5.950515) id UAA28427; Thu, 5 Dec 1996 20:47:13 -0500
Date: 05 Dec 96 20:46:14 EST
From: Mike Musick <71301.3106@CompuServe.COM>
To: <aprssig@tapr.org>
Subject: Re: Question on beacons
Message-ID: <961206014614_71301.3106_FHJ77-1@CompuServe.COM>

Steve writes:

> I note that people are using beacons which transmit from an
> unattended situation. Do the FCC regulations now allow one
> to transmit in this manner, without a station operator present
> nor a supervisory remote control link?

Yes, and the answer is:

97.221 Automatically controlled digital station.

(b) A station may be automatically controlled while transmitting a RTTY or data emission on the 6m or shorter wavelength bands, and on... [numerous HF segments].

and:

97.109 Station control.

(d) When a station is being automatically controlled, the control operator need not be at the control point.
...[qualified station types, which includes the above]

So we're covered.

...mike/N0QBF (Official Observer)
71301.3106@compuserve.com

From davew@cruzio.com Thu Dec 05 21:07:05 1996
Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA15165 for <aprssig@tapr.org>; Thu, 5 Dec 1996 21:07:03 -0600 (CST)

Date: Thu, 5 Dec 1996 21:07:03 -0600 (CST)
Received: from pine222.cruzio.com by bbs.cruzio.com id aa01132;
5 Dec 96 18:59 PST
X-Sender: davew@mail.cruzio.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:6947] Garmin GPS II
Message-ID: <9612051859.aa01132@bbs.cruzio.com>

At 03:24 PM 12/4/96 -0600, you wrote:
>Anyone familiar w/ the Garmin GPS II?
>Does it have a removable antennae?
>NMEA output?
>
>any other comments?
>
>thanks in advance!
>73 de N2XDD Ed Wilson
>
>.-
>

They have all been recalled for a software glitch.

Dave KD6TO
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA

From kb6lfm@ix.netcom.com Thu Dec 05 21:16:57 1996
Received: from dfw-ix2.ix.netcom.com (dfw-ix2.ix.netcom.com [206.214.98.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA15385 for <aprssig@tapr.org>; Thu, 5
Dec 1996 21:16:50 -0600 (CST)
Received: from -kb6lfm (ala-ca8-32.ix.netcom.com [207.93.141.160]) by dfw-
ix2.ix.netcom.com (8.6.13/8.6.12) with SMTP id TAA01564 for <aprssig@tapr.org>;
Thu, 5 Dec 1996 19:16:05 -0800
Message-ID: <32A78FF3.5411@ix.netcom.com>
Date: Thu, 05 Dec 1996 19:16:03 -0800
From: kb6lfm <kb6lfm@ix.netcom.com>
Reply-To: kb6lfm@ix.netcom.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SUPCALLS & LLIST vs BUDCALLS & BUDLIST
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I see a lot of references to "BUDLIST/BUDCALLS" to remove unwanted
stations from being displayed. "BUDLIST/BUDCALLS" will accomplish
this... but...! My experience (KAM+) shows that these stations continue

to be gated and digipeated. I have found "SUPCALLS/LLIST" to be much more effective. The callsigns in "SUPCALLS" will continue to be logged in your "DIGIPEATERS USED" list but will not show-up on screen, nor will they be Gated or Digipeated.

Bill KB6LFM
"Left Coast Gateway Station" in San Francisco

From fehner@cts.com Thu Dec 05 21:27:35 1996
Received: from burnout.cts.com (root@burnout.cts.com [204.216.216.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA15837 for <aprssig@tapr.org>; Thu, 5 Dec 1996 21:27:33 -0600 (CST)
Received: from fehnercom.cts.com (fehnercom.cts.com [198.68.171.229]) by burnout.cts.com (8.6.12/8.6.9) with SMTP id TAA13402 for <aprssig@tapr.org>; Thu, 5 Dec 1996 19:27:29 -0800
Message-Id: <2.2.32.19961206032855.006f1bbc@mail.cts.com>
X-Sender: fehner@mail.cts.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Dec 1996 19:28:55 -0800
To: aprssig@tapr.org
From: Barbara Fehner <fehner@cts.com>
Subject: Re: [APRSSIG:6969] Re: Colors on WinAPRS

I would refer you to a basic textbook on optics dealing with the difference between reflected light (the paper map) and transmitted light (the crt screen). One should have a knowledge of the trees before trying to understand the forest.

No offence taken.

Barbara KK6IB
E-Mail: fehner@cts.com

At 07:08 AM 12/5/96 -0600, you wrote:

>Paper maps, which I'm sure you've read before, are on white paper! Why
>not use the colors that Rand-McNally have been using for years? If a
>person can see the fetures of the program for the color of the
>background..... how does that go? Can't see the forest for the trees?
>

>Don't take offense, this is just an opinion.
>

>On Wed, 4 Dec 1996, Barbara Fehner wrote:
>

>> There are at least two people in the San Diego area who would like to use
>> WAPRS but don't because of the background color. Most of the others here
>> that use it have complained about the way the maps look. The problem is that
>> when I make my maps I choose the colors according to the contrast with the
>> black background. When the map is displayed on a white background the
>> contrast is reversed making the less prominent features stand out and the
>> important features wash out. I also would like to see the choice of a black

>> or dark grey background.
>>
>> Barbara KK6IB
>> E-Mail: fehner@cts.com
>>
>
>
>
>

From WagWagnon@aol.com Thu Dec 05 21:29:48 1996
Received: from emout17.mail.aol.com (emout17.mx.aol.com [198.81.11.43]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA15912 for <aprssig@tapr.org>; Thu, 5 Dec 1996 21:29:45 -0600 (CST)
From: WagWagnon@aol.com
Received: by emout17.mail.aol.com (8.6.12/8.6.12) id WAA19632 for aprssig@tapr.org; Thu, 5 Dec 1996 22:29:14 -0500
Date: Thu, 5 Dec 1996 22:29:14 -0500
Message-ID: <961205222913_1952637020@emout17.mail.aol.com>
To: aprssig@tapr.org
Subject: Help needed with getting on APRS with PICO Packet

Hi,

I am have a PICO Packet with an internal GPS which I am running on APRS using a MFJ Packet Tranceiver.

I am not able to get it set up right to acknowledge the GPS. When I start up the APRS program (ver 7.7e) it asks which port I am going to use. I then assign it to COM 1. It then asks me if I am going to use another port and this is where I am lost. If I answer "yes" then the system later on hangs up on me when I set up the GPS. If I answer "No" then when I go to set up the GPS, it says that I do not have any port available to install the GPS. The GPS is internal and it supplies all the data on one port, so I am told. I have contacted PACOMM and they say that they are not that familiar with the APRS program.

If anyone is using this PICO Packet with Internal GPS, I would greatly appreciate it if you could furnish me the information on setting up the unit with APRS.

Thanks,

Wag.... W9IUP

From dkaszubski@why.net Thu Dec 05 22:41:30 1996
Received: from where.why.net (why.net [206.160.169.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA19855 for <aprssig@tapr.org>; Thu, 5 Dec 1996 22:41:28 -0600 (CST)
Received: from why202.why.net ([206.160.171.76]) by where.why.net (post.office MTA v2.0 0813 ID# 0-11525) with SMTP id AAA163 for <aprssig@tapr.org>; Thu, 5 Dec 1996 22:42:57 -0600
Message-ID: <32A7BFCA.6E93@why.net>

Date: Thu, 05 Dec 1996 22:40:10 -0800
From: dkaszubski@why.net (dkaszubski)
Organization: The Why? Network
X-Mailer: Mozilla 2.02 (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6988] APRS From TX
References: <32A78D97.2DBD@n-link.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tommie Taylor wrote:

>
> Can anyone see us on there APRS Screen..
> KC5UJH
> We run ours here in Lampasas, TX 24hrs a day..

We see you in the Dallas-Fort Worth area most of the time.

--

Dave Kaszubski WB3FYV
dkaszubski@why.net also: ustuia6v@ibmmail.com
Benbrook, Texas N 32 40.319' W 097 26.844'

President of the Texas Utilities Amateur Radio Club,
 Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...
<http://users.why.net/dkaszubski/>

From stevech@pacbell.net Thu Dec 05 23:05:53 1996
Received: from PACBELL.net (cherokee.snfc21.pbi.net [206.13.28.35]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA21584 for <aprssig@tapr.org>; Thu, 5 Dec 1996
23:05:46 -0600 (CST)
Received: from ppp-206-170-121-32.sndg02.pacbell.net
(ppp-206-170-121-32.sndg02.pacbell.net [206.170.121.32]) by PACBELL.net
(8.8.3/8.7.1) with SMTP id VAA29003 for <aprssig@tapr.org>; Thu, 5 Dec 1996
21:05:31 -0800 (PST)
Received: by ppp-206-170-121-32.sndg02.pacbell.net with Microsoft Mail
id <01BBE2F0.3517C800@ppp-206-170-121-32.sndg02.pacbell.net>; Thu, 5 Dec 1996
21:06:39 -0800
Message-ID: <01BBE2F0.3517C800@ppp-206-170-121-32.sndg02.pacbell.net>
From: Steve Childress <stevech@pacbell.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:6990] Re: Question on beacons
Date: Thu, 5 Dec 1996 21:06:38 -0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="---- =_NextPart_000_01BBE2F0.351F6920"

----- =_NextPart_000_01BBE2F0.351F6920
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Thanks for the info - a more liberal FCC these days!

----- =_NextPart_000_01BBE2F0.351F6920

Content-Type: application/ms-tnef

Content-Transfer-Encoding: base64

eJ8+IicFAQaQCAAEAAAAAAAAABAAEAAQeQBGAIAAAAA5AQAAAAAADoAAENGAAQAAgAAAAIAAgABBJAG
AAwBAAAABAAAADAAAAAMAADADAAAAACwAPDgAAAAACAf8PAQAAAD8AAAAAAGSsfpL6jEBmdbgDd
AQ9UAGAAAAABhcHJzc2lnQHRhcHIub3JnAFNNVFAAYXByc3NpZ0B0YXByLm9yZWAAHgACMAEAAAAAF
AAAAU01UUAAAAAAAEAAmWAAQAAABEAAAABhcHJzc2lnQHRhcHIub3JnAAAAAAMAFQwBAAAAAwD+DwYA
AAAEAAEwAAQAAABMAAAANyXByc3NpZ0B0YXByLm9yZycAAAIBCzABAAAAFgAAAFNNVFA6QVBSU1NJ
R0BUQVBSLk9SRwAAAAAMAADkAAAAACwBA0gEAAAAACAfYPAQAAAAQAAAAAADAey4BCIAHABgAAABJ
UE0uTWljcm9zb2Z0IE1haWwuTm90ZQAxCAEEgAEAKwAAAFJF0iBbQVBSU1NJRzo20TkWXSBSZTog
UXVlc3Rpb24gb24gYmVhY29ucwBVDQEFgAMADgAAAMwHDAAFABUABgAAmAAQAKQEBIIADAA4AAADM
BwwABQAAVAAAYADwAEABIBAQAQAAQAAAAANjg5MDg4Q0FFMTRFRDAXMUJCODM0NDQ1NTM1NDAAwMDAA
4QYBA5AGACACAAAAAASAAAAACwAajAAAAAADACyAAAAAAsAKQAAAAAAAwA2AAAAAABAADkAYGaCQjPj
uwEeAHAQAQAACsAAAABSRToGw0FQU1NTSUc6Njk5MF0gUmU6IFF1ZXN0aw9uIG9uIGJlYWVbnMA
AAIBcQABAAAAFgAAAAAG74zNCecqIkG1O4RHQu4NERVNUAAAAAB4AHgwBAAAABQAAAFNNVFAAAAAA
HgAfDAEAAAAAUAAAAc3RldmVjaEBwYWNiZlZwXsLm5ldAADAAyQJQFH9gMABxApAAAAHgAIEAEAAAAq
AAAAVEhBTktTRk9SVEhFSU5GTy1BTU9SRUxJQkVSQUxGQ0NUSEVTRURBWVMAAAACAQkQAQAAAM8A
AADLAAAAfwEAAExaRnWX9//y/wAKAQ8CFQKoBesCgWBQAVIJAgBjaArAc2V0MjcGAAbDAoMyA8UC
AHByQnER4nN0Z0CgzN3AuQHEwKAfQqACM8J2TvxFg8yNTUCgAqBDbELY0BuZzEwMxRQCwoUUSUL
8mMAQCBUEYBua4cEIAIQBcB0aGUgC4DBAhAgLSBhIARgFhAwIGxpYgSQB0AgRoxDQxuSEbAgZGET
sM4hCoUKixzAMzYN8Bnc9RNQbxPQYwVAHj8fTyBfCwqyFTEAJ0AAAwAQEAAAAAADABEQAQAAAEAA
BzAg9ww1M+07AUAAACDag9ww1M+07AR4APQABAAAABQAAAFJF0iAAAAAAX3s=

----- =_NextPart_000_01BBE2F0.351F6920--

From rwf@mindspring.com Thu Dec 05 23:49:35 1996

Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA24672 for <aprssig@tapr.org>; Thu, 5
Dec 1996 23:49:33 -0600 (CST)

Received: from ms137746.mindspring.com (borg.mindspring.com [204.180.128.14]) by
mule0.mindspring.com (8.8.2/8.7.3) with SMTP id FAA163302 for <aprssig@tapr.org>;
Fri, 6 Dec 1996 05:49:31 GMT

Message-Id: <3.0.32.19961205213535.006a6d60@mindspring.com>

X-Sender: rwf@mindspring.com

X-Mailer: Windows Eudora Pro Version 3.0 (32)

Date: Thu, 05 Dec 1996 21:39:07 -0500

To: aprssig@tapr.org

From: rwf <rwf@mindspring.com>

Subject: Re: [APRSSIG:6994] Help needed with getting on APRS with PICO
Packet

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Tell it you have only 1 port (usually Com1), and that the TNC is a Pico.

You must have a GPS registration number for APRS from WB4APR. (I think you are still waiting on that - I sent him a message for ya)

Once you have done this, go to the terminal window screen (O C T) and set the command LGE \$05 This will set the Pico up to talk to APRS. There are a few other things, but these are the ones that cause the most problems.

At 09:35 PM 12/5/96 -0600, you wrote:

>Hi,

>

>I am have a PICO Packet with an internal GPS which I am running on APRS using
>a MFJ Packet Tranceiver.

Ralph Fowler, N4NEQ

S.E.R.A. ATV Technical

Advisor

rwf@mindspring.com

Atlanta, GA USA

Web: <http://www.mindspring.com/~rwf> for APRS, ATV, Balloon,
and Ham info

My hobby is tracking Vehicles and other things using Ham Radio and APRS.
Ask me how!

From kheyboer@pinegov.co.pinellas.fl.us Fri Dec 06 06:25:40 1996

Received: from pinegov ([136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP
id GAA14701; Fri, 6 Dec 1996 06:25:36 -0600 (CST)

Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4)
id CAA23096; Fri, 6 Dec 1996 02:25:04 -0500

Message-ID: <32A81135.1EE3@co.pinellas.fl.us>

Date: Fri, 06 Dec 1996 07:27:34 -0500

From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>

Reply-To: kheyboer@pinegov.co.pinellas.fl.us

Organization: Pinellllas SKYWARN Coordinator

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

CC: aprs-fl@tapr.org

Subject: Flight of the EAGLE

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Greetings!

For those who received the flight data from EAGLE 4 last night, here are
the answers to your questions:

Eagle is the radio codename for the aircraft used by the Pinellas County Sheriff's Office in Clearwater, Florida. Here is the information on last night's mission:

1. Purpose: To test the use of a stand alone GPS tracker on APRS inside a fast moving helicopter for the upcoming special event "Ride with the Stars" on Saturday, December 7, 1996.
2. Equipment: Magellan XL GPS, KPC-3 TNC in GPS MODE, Motorola MT-1000 portable radio, 7 amp hour gel cell battery, and suction cup mount for GPS antenna.
3. Aircraft: 1992 French made ASTAR jet helicopter, FAA ID N53SD equipped with a 50,000 candlepower NightSun spotlight and Forward Looking Infrared (FLIR) sensor.
4. The crew: Pilot: Deputy Charles Tarrou
Co-Pilot/Observer: Deputy Joseph Lawson
Airborne Tracking Specialist: Det. Kevin Heyboer KD4UYR
Note: Both Dep Tarrou and Dep Lawson are the combat veterans who were shot at during the recent riots in St. Petersburg.
5. The mission: GPS tracker test during routine patrol flight of the Eagle.
6. The results: Quite impressive, actually.
7. Problems encountered:
 - a. GPS took about 15 minutes to sync up on initial installation on the ground.
 - b. GPS lost satellite lock during high speed tight orbital turns during a search for a prowler and did not sync up for several minutes thereafter.
 - c. Gel cell died after about 1 hour use.

Anyone interesting in obtaining a log of the flight may do so by sending me a PRIVATE e-mail and I will send it as an attachment.

Watch for SANTA to travel from PIE to the very southern tip of Pinellas County on Saturday, December 7, 1996 at some time between 0900 and 1000 Eastern Standard Time.

You can obtain more information on the Pinellas County Sheriff's Office and Everett S. Rice, Sheriff of Pinellas County, at:

<http://www.co.pinellas.fl/sheriff/index.html>

--

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From jscalet@dound.net Fri Dec 06 08:48:19 1996
Received: from guitar.sound.net (guitar.sound.net [205.242.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA19959 for <aprssig@tapr.org>; Fri, 6 Dec 1996 08:48:18 -0600 (CST)
Received: from [204.120.185.18] ([204.120.185.18]) by guitar.sound.net (8.8.3/8.7.4) with SMTP id IAA20668 for <aprssig@tapr.org>; Fri, 6 Dec 1996 08:41:19 -0600 (CST)
X-Authentication-Warning: guitar.sound.net: [204.120.185.18] didn't use HELO protocol
Message-ID: <32A84E8A.A6C@dound.net>
Date: Fri, 06 Dec 1996 08:49:14 -0800
From: Joe Scalet <jscalet@dound.net>
X-Mailer: Mozilla 2.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DeLorme Tripmate
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm a registered user of Delorme products but did not get an upgrade flier prior to reading about it on this sig. I called them and got the BE32 code for upgrade, sent them a check on 11/25/96 and recieved the package on 12/5/96. So far I'm impressed with the service and the unit. Its my fourth GPS, each one has been better and cheaper. There's no such thing as too many toys.

From JIM_OLSEN@novell.com Fri Dec 06 09:25:40 1996
Received: from novell.com (prv-mail20.Provo.Novell.COM [137.65.40.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA21001 for <aprssig@tapr.org>; Fri, 6 Dec 1996 09:25:39 -0600 (CST)
Received: from INET-PRV-Message_Server by novell.com with Novell_GroupWise; Fri, 06 Dec 1996 08:25:00 -0700
Message-Id: <s2a7d85c.050@novell.com>
X-Mailer: Novell GroupWise 4.1
Date: Fri, 06 Dec 1996 07:57:10 -0700
From: Jim Olsen <JIM_OLSEN@novell.com>
To: aprssig@tapr.org
Subject: [APRSSIG:6966] Re: DLG Location System -Reply

OK thanks for the info on this....

Jim Olsen
jim_olsen@novell.com

>>> <vodall@juno.com> 12/04/96 11:48pm >>>

>I have a request to anyone who can help me. My area has VERY limited
>APRS activity (Utah). Could someone from a very active area please
>send me a raw text file of the APRS traffic in your area for a period

>of
>time? This would help my development efforts greatly.

Jim,

There's zilch local APRS activity here, but I monitor 10.151 LSB packet and digi it out to the local node. If you can get on there, you'll have good stuff coming in all day long from around the country.

Good Luck.

>
>Thanks in advance,
>
>Jim Olsen
>jim_olsen@novell.com

Bill, WA7NWP

From kinahan@cassatt.Mass-USR.COM Fri Dec 06 09:35:40 1996
Received: from lucius.ultra.net (lucius.ultra.net [199.232.56.38]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA21374 for <aprssig@tapr.org>; Fri, 6 Dec 1996 09:35:39 -0600 (CST)
Received: from cassatt (cassatt.mass-usr.com [146.115.120.199]) by lucius.ultra.net (8.7.4/ult1.04) with SMTP id KAA23237 for <aprssig@tapr.org>; Fri, 6 Dec 1996 10:35:02 -0500 (EST)
Received: from Marconi.mass-usr.com by cassatt (5.x/SMI-SVR4) id AA07658; Fri, 6 Dec 1996 10:35:20 -0500
Message-Id: <2.2.32.19961206153350.00cc25a8@cassatt>
X-Sender: kinahan@cassatt
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 06 Dec 1996 10:33:50 -0500
To: aprssig@tapr.org
From: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>
Subject: W10N-3

We're working on the W10N-3 problem locally by trying to make contact though lots of means currently.

W10N is a recently re-issued vanity callsign issued to a club, I believe, at least there was another call on the station until recently. W10N is a club call with KB1JY as the trustee. However, I believe W1EO is the guy responsible for the APRS stuff there.

I recommend tactful messages by regular packet to w1eo@w1on.ma by packet might help.

73!

-Tom Kinahan N1CPE

Tom Kinahan Phone: 508-871-0305
US Robotics Fax: 508-870-1689
Massachusetts R&D Lab Email: kinahan@mass-usr.com
4 Technology Drive Amateur Radio: N1CPE
Westboro, Ma. 01581

From bruninga@nadm.navy.mil Fri Dec 06 10:15:22 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA22822 for <aprssig@tapr.org>; Fri, 6
Dec 1996 10:15:20 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id LAA20811 for <aprssig@tapr.org>; Fri, 6 Dec 1996
11:14:17 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 6 Dec 1996 11:14:17 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6994] Help needed with getting on APRS with PICO Packet
In-Reply-To: <961205222913_1952637020@emout17.mail.aol.com>
Message-ID: <Pine.GS0.3.95.961206111229.20036B-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Dec 1996 WagWagnon@aol.com wrote about his PICO TNC:

> I am not able to get it set up right to acknowledge the GPS. When I start up
> the APRS program (ver 7.7e) it asks which port I am going to use. I then
> assign it to COM 1. It then asks me if I am going to use another port and
> this is where I am lost. If I answer "yes" then the system later on hangs up
> on me when I set up the GPS. If I answer "No" then when I go to set up the
> GPS, it says that I do not have any port available to install the GPS. The
> GPS is internal and it supplies all the data on one port, so I am told.

APRSDos REPLY/COMMENT: You should operate APRS with just a TNC on one
COMM port. Then select alt-S-GPS-MODES-HSP. That tells aprs that ur GPS
will be combining its data with the TNC. It has no dedicated port as far
as APRS is concerned...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Fri Dec 06 10:21:37 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA23196 for <aprssig@tapr.org>; Fri, 6
Dec 1996 10:21:35 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA22461 for <aprssig@tapr.org>; Fri, 6 Dec 1996
11:20:33 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 6 Dec 1996 11:20:31 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6997] Re: Help needed with getting on APRS with PICO
In-Reply-To: <3.0.32.19961205213535.006a6d60@mindspring.com>
Message-ID: <Pine.GS0.3.95.961206111840.20036D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Dec 1996, rwf wrote:

> Tell it you have only 1 port (usually Com1), and that the TNC is a Pico.
> Use alt-S-GPS-MODES-HSP
> then alt-S-SAVE to enter your GPS validation number
> Once you have done this, go to the terminal window screen (O C T) and set
> the command LGE \$05 This will set the Pico up to talk to APRS. There
> are a few other things, but these are the ones that cause the most problems.

APRSDos REPLY/COMMENT: I edited Ralphs response a little to be more
sepecific..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From jkozak@erols.com Fri Dec 06 10:36:01 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA23832 for <aprssig@tapr.org>; Fri, 6
Dec 1996 10:35:56 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp1.erols.com (8.7.5/8.7.3) with SMTP id LAA11772 for <aprssig@tapr.org>; Fri, 6
Dec 1996 11:35:25 -0500 (EST)
Date: Fri, 6 Dec 1996 11:35:25 -0500 (EST)
Message-Id: <199612061635.LAA11772@smtp1.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:6999] DeLorme Tripmate

Joe Scalet <jscalalet@dound.net> wrote

>I'm a registered user of Delorme products but did not get an upgrade
>flier prior to reading about it on this sig. I called them and got the
>BE32 code for upgrade, sent them a check on 11/25/96 and recieved the
>package on 12/5/96. So far I'm impressed with the service and the unit.
>Its my fourth GPS, each one has been better and cheaper. There's no such

>thing as too many toys.

>

Well I just got mine yesterday. It installed fine on the home computer but was touch and go on my laptop. Delorme says use a minimum of a 486DX with 8 meg memory and 10 meg swapfile. I've got it running (S L O W L Y) on a 386SX25 running Win 3.1 with 4 meg ram, corrupt swapfile, broken trackball and a pretty full compressed 80 meg harddrive. Its amazing it works at all. Next comes wiring up a regulator for the GPS. The 386 package takes forever to boot and initialize, so I plan on leaving the whole works powered up most of the time..

John Kozak; N3AGG
jkozak@erols.com

From jratchf@bulldog.afsc.k12.ar.us Fri Dec 06 10:45:58 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA24096 for <aprssig@tapr.org>; Fri, 6 Dec 1996 10:45:50 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id KAA01896; Fri, 6 Dec 1996 10:45:44 -0600
Date: Fri, 6 Dec 1996 10:45:44 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:6988] APRS From TX
In-Reply-To: <32A78D97.2DBD@n-link.com>
Message-ID: <Pine.LNX.3.91.961206104518.1863A-1000000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think I've seen this call up here in the Ozarks.

On Thu, 5 Dec 1996, Tommie Taylor wrote:

> Can anyone see us on there APRS Screen..
> KC5UJH
> We run ours here in Lampasas, TX 24hrs a day..
>
> --
> CUSTOM MUGS, 13 Dana drive, Lampasas Tx 76550-1113
> <http://www.web2.com/cmugs/>
> Internet: tomcmugs@n-link.com / tomcmugs@juno.com
> Phone: (512) 556-4691 This is also a FAX Request line:)
> We Print your Color Photos onto coffee mugs.... Check us out.
>

From scout@gte.net Fri Dec 06 11:28:16 1996
Received: from mail.gte.net (sm1.gte.net [207.175.111.18]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA26284 for <aprssig@tapr.org>; Fri, 6 Dec 1996 11:28:14 -0600 (CST)
Received: from default (clw231063.gte.net [207.115.231.63]) by mail.gte.net (950413.SGI.8.6.12/950213.SGI.AutoCF) via SMTP id LAA13457 for <aprssig@tapr.org>;

Fri, 6 Dec 1996 11:27:39 -0600
Message-ID: <32A8574B.97C@gte.net>
Date: Fri, 06 Dec 1996 12:26:35 -0500
From: Neil Lauritsen <scout@gte.net>
Reply-To: scout@gte, net@mail.gte.net
Organization: PINELLAS CO FL ARES, SKYWARN, & RACES
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6998] Flight of the EAGLE
References: <32A81135.1EE3@co.pinellas.fl.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin Heyboer wrote:

> 6. The results: Quite impressive, actually.
>
> 7. Problems encountered:

IN ADDITION to those few problems listed by Kevin: The following was noted - We projected the DOSAPRS version through an overhead mounted video projector onto a large screen at our regular monthly ARES meeting so that it was easily seen by all present. The helicopter symbol came up as expected and we following it on the map was very easy..however When I did a REPLAY on my home WinAPRS setup..the helicopter was only seen as a DOT..Not a helicopter as expected..since this is a stand alone tracker setup on the copter, is there a way for something to be put into the beacon strings which works for both the DOS and WIN versions so that the helicopter symbol is seen by all no matter which operating system version one is using??

TNX,

Watch for SANTA to travel from PIE to the very southern tip of Pinellas County on Saturday, December 7, 1996 at some time between 0900 and 1000 Eastern Standard Time. (TOMMORROW)

--

Neil - KA3DBK
EC Pinellas Co. FL. ARES
ka3dbk@w4dph.#tpa.fl.usa.na
email - "scout@gte.net"
Web Page(s) - "http://home1.gte.net/scout/index.htm"
Home Phone (813)441-3954
Sysop - ARES/RACES BBS!
(813)464-5279
(813)464-5280

From sjking@juno.com Fri Dec 06 12:31:02 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA29095 for <aprssig@tapr.org>; Fri, 6 Dec 1996 12:30:55 -0600 (CST)
Received: (from sjking@juno.com) by x2.boston.juno.com (queuemail)
id NfS24067; Fri, 06 Dec 1996 13:27:35 EST
To: bruninga@ncsa.navy.mil
Cc: aprssig@tapr.org
Date: Fri, 6 Dec 1996 09:39:53 EST
Subject: Help w/ registration of APRS
Message-ID: <19961206.133058.6583.0.SJKing@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1-2,10-14
From: sjking@juno.com (Steven J King)

I'm not sure which is the correct address to ask this question so please forgive me if I am wrong.

Does the \$30 registration fee cover all future releases of the DOS and Windows 3.1 version of APRS, or does it cover only the current version (7.7e)? I presume the \$24 and \$26 club rates for 10+ and 5+ users, respectively, is in addition to the \$30 base price? Is that price the "initial order" or the "separate order" rate? When requesting the club rates, is the registration based on the club callsign or any one callsign or each of the callsigns, i.e., is there only one V# issued for the club rate or is each person issued their own V#?

Thank you for your help.

Steve KC6WCH

From kheyboer@pinegov.co.pinellas.fl.us Fri Dec 06 12:46:16 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA29750 for <aprssig@tapr.org>; Fri, 6 Dec 1996 12:46:09 -0600 (CST)
Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4)
id IAA25646; Fri, 6 Dec 1996 08:44:52 -0500
Message-ID: <32A86A3B.1834@co.pinellas.fl.us>
Date: Fri, 06 Dec 1996 13:47:23 -0500
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Reply-To: kheyboer@pinegov.co.pinellas.fl.us
Organization: Pinellllas SKYWARN Coordinator
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: oops...slight goof
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those who were interested ref the EAGLE and the Pinellas County Florida Sheriff's Office, our home page is actually:

<http://www.co.pinellas.fl.us/sheriff/index.html>

I left the "us" off the original post....thanks

--

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From n0lrf@computer-services.com Fri Dec 06 13:16:36 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA01163 for <aprssig@tapr.org>; Fri, 6 Dec 1996 13:16:31 -0600 (CST)
Received: from stump (port9.idtskc1.idir.net [204.189.69.242]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id NAA23336 for <aprssig@tapr.org>; Fri, 6 Dec 1996 13:16:30 -0600
Message-ID: <32A87177.7091@computer-services.com>
Date: Fri, 06 Dec 1996 13:18:15 -0600
From: Paul Stump <n0lrf@computer-services.com>
Reply-To: n0lrf@computer-services.com
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7006] Re: Flight of the EAGLE
References: <32A8574B.97C@gte.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> When I did a REPLAY on my home WinAPRS setup..the helicopter was only
> seen as a DOT..Not a helicopter as expected..since this is a stand alone
> tracker setup on the copter, is there a way for something to be put into
> the beacon strings which works for both the DOS and WIN versions so that
> the helicopter symbol is seen by all no matter which operating system
> version one is using??

You might try adding -6 to the end of your MYCALL.
Or, as the first three charactors of your BTEXT, use {X}.

From bruninga@nadn.navy.mil Fri Dec 06 14:08:56 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA03538 for <aprssig@tapr.org>; Fri, 6 Dec 1996 14:08:54 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id PAA27446 for <aprssig@tapr.org>; Fri, 6 Dec 1996 15:07:52 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 6 Dec 1996 15:07:52 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: A/Navy FBALL run underway
Message-ID: <Pine.GS0.3.95.961206150417.26254B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We are using the path of RELAY,WIDE,WIDE on 145.79 MHz and hope that we can work around the failed digipeater at Elk Neck (WB4APR-11). Football should arrive in Philly at 0700 tomorrow AM. In anycase, if you have a UHF scanner that can hear frequencies in the range of 260 MHz, then you should be able to hear the packets direct, anywhere in the country. Contact me for details...

From scout@gte.net Fri Dec 06 16:11:24 1996
Received: from mail.gte.net (sm1.gte.net [207.175.111.18]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA09143 for <aprssig@tapr.org>; Fri, 6 Dec 1996 16:11:22 -0600 (CST)
Received: from default (clw231011.gte.net [207.115.231.11]) by mail.gte.net (950413.SGI.8.6.12/950213.SGI.AutoCF) via SMTP id QAA17786 for <aprssig@tapr.org>; Fri, 6 Dec 1996 16:10:50 -0600
Message-ID: <32A89974.674E@gte.net>
Date: Fri, 06 Dec 1996 17:08:53 -0500
From: Neil Lauritsen <scout@gte.net>
Reply-To: scout@gte, net@mail.gte.net
Organization: PINELLAS CO FL ARES, SKYWARN, & RACES
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7008] ooops...slight goof
References: <32A86A3B.1834@co.pinellas.fl.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin Heyboer wrote:

>
> For those who were interested ref the EAGLE and the Pinellas County
> Florida Sheriff's Office, our home page is actually:
>
> <http://www.co.pinellas.fl.us/sheriff/index.html>

Correction: "<http://circuit6.co.pinellas.fl.us/sheriff.html>"

Neil - KA3DBK
EC Pinellas Co. FL. ARES
ka3dbk@w4dph.#tpa.fl.usa.na
email - "scout@gte.net"
Web Page(s) - "<http://home1.gte.net/scout/index.htm>"
Home Phone (813)441-3954
Sysop - ARES/RACES BBS!
(813)464-5279
(813)464-5280

From jkerns@usit.net Fri Dec 06 16:31:23 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA09889 for <aprssig@tapr.org>; Fri, 6 Dec 1996 16:31:20 -0600 (CST)
Received: from LOCALNAME (knox-max77.dynamic.usit.net [205.241.221.93]) by smtest.usit.net (8.7.5/8.6.12) with SMTP id RAA08446 for <aprssig@tapr.org>; Fri,

6 Dec 1996 17:38:04 -0500 (EST)
Date: Fri, 6 Dec 1996 17:38:04 -0500 (EST)
Message-Id: <199612062238.RAA08446@smtest.usit.net>
X-Sender: jkerns@pop.usit.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>
Subject: AEA Again

Awhile back there was comments on
Jim Kerns
N4PUQ
jkerns@usit.net
Oliver Springs, Tn.
(just outside Oak Ridge where everyone glows in the dark!!)

From jkerns@usit.net Fri Dec 06 16:31:25 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA09895 for <aprssig@tapr.org>; Fri, 6 Dec 1996
16:31:23 -0600 (CST)
Received: from LOCALNAME (knox-max77.dynamic.usit.net [205.241.221.93]) by
smtest.usit.net (8.7.5/8.6.12) with SMTP id RAA08450 for <aprssig@tapr.org>; Fri,
6 Dec 1996 17:38:06 -0500 (EST)
Date: Fri, 6 Dec 1996 17:38:06 -0500 (EST)
Message-Id: <199612062238.RAA08450@smtest.usit.net>
X-Sender: jkerns@pop.usit.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>
Subject: AEA Again

Awhile back rgere were numerous msgs passed around about AEA going out of
business. Naturally my AEA 232MBX just bit the dust. Called factory got phone
been disconnected. Their Home Web Page dont answer.

Anyone on SIG know who they left to do their repairs?

Thanks for any help.
Jim Kerns
N4PUQ
jkerns@usit.net
Oliver Springs, Tn.
(just outside Oak Ridge where everyone glows in the dark!!)

From kheyboer@pinegov.co.pinellas.fl.us Fri Dec 06 17:03:47 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA11494 for <aprssig@tapr.org>; Fri, 6 Dec 1996
17:03:45 -0600 (CST)
Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4)

id NAA27038; Fri, 6 Dec 1996 13:03:07 -0500
Message-ID: <32A8A6C0.1AEF@co.pinellas.fl.us>
Date: Fri, 06 Dec 1996 18:05:37 -0500
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Reply-To: kheyboer@pinegov.co.pinellas.fl.us
Organization: Pinellllas SKYWARN Coordinator
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7009] Re: Flight of the EAGLE
References: <32A87177.7091@computer-services.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Since the callsign of the Eagle was not an amateur call, no SSID was attached to it...we used the dosAPRS convention of placing the helicopter symbol in the btext, ie {X}....I do not know if this will work in the windows version...or perhaps you never received the btext as the path that went out wide,gate,gate,wide did not include that.....

--

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From billk@inland.net Fri Dec 06 17:31:48 1996
Received: from ns1.inland.net (root@ns1.inland.net [207.155.59.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA12742 for <aprssig@tapr.org>; Fri, 6 Dec 1996 17:31:46 -0600 (CST)
Received: from default (pm1-80.inland.net [207.155.59.80]) by ns1.inland.net (8.6.12/8.6.12) with SMTP id PAA09341 for <aprssig@tapr.org>; Fri, 6 Dec 1996 15:22:58 -0800
Date: Fri, 6 Dec 1996 15:22:58 -0800
Message-Id: <199612062322.PAA09341@ns1.inland.net>
From: Bill Kearns <billk@inland.net>
X-Priority: Normal
Content-Type: text/plain
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6914] Tripmate GPS unit
X-Mailer: Pronto Mail [ver 3.04 (1006)]
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

Hello,

After reading about the Tripmate so much on the SIG. I finally broke down and bought the Delorme Tripmate at Computer City for \$129.95. Seems to be a stout little unit....now to hook it up to my PacComm (mobile tracker). What we need here on this SIG are a couple of on-going manuals for newbies (and everyone else) to refer to when assembling their mobile trackers. I'll stick my neck out and get this one started and I'd sure appreciate it if

some of you WIZZ_BANGS out there would critique my notes and re-edit and re-post this manual giving me (and everyone else) advice and corrections where needed.

PacComm Pinout:

Pin #1 Mike Audio
Pin #2 Ground
Pin #3 PTT
Pin #4 Recieve Audio
Pin #5 Squelch Input

TripMate Pinout:

Pin #1 nc
Pin #2 RX --Black wire
Pin #3 TX --Brown wire
Pin #4 DTR--Red wire, assert to turn on
Pin #5 GND--Orange wire, connects to GND of power
Pin #6 nc
Pin #7 nc
Pin #8 nc
Pin #9 RI --Yellow wire--goes to center pin of Power Connector.

(Special thnx to Gould Smith WA4SXM for the above pinout)

Okay now for the interface. As I see it...

Tripmate- Pin #3 goes to PacComm Pin #4 (tx to receive audio)
PacComm-- Pin #1 goes to Tripmate Pin #2 (mic audio to rx)
Tripmate Pin #5 goes to PacComm Pin #2 (ground to ground)

Is this how you see it? Assuming im using a separate power source for the Tripmate these are the only connections between the two units. (correct?)

Now for the software commands: (TNC baud rate must be set to 4800)
(Commands listed below are variable..)

mycall callsign-9
btext "AnyHAM's Mobile Tracker"
location every 1
beacon every 60
unproto aprs via wide,wide
gps on

I need the "ini" command for the tripmate and the TNC command to load it in.
Also FYI, DeLorme sells a Tripmate power adapter kit for about 39 dollars...
....goes into a cigarette lighter or your laptop. 1-800-452-5931.

Ps. In case anyone wants to call the above number and order a TripMate for \$125.00 plus 5 shipping... here is the number off the back of my "Street Atlas USA" ver 4.0 700709 I don't know how many of you can order a tripmate using that number but at least one of you will. (the first one!) remember...these guys manning the phones are more than likely working on

a commission and would love to have your business!!! Good Luck!!

Bill Kearns WB6JAR
909-678-6228

/// \\\
///// \\\\\
(0 0)

-----o00--(_)--00o-----

From ttyamada@CCGATE.HAC.COM Fri Dec 06 17:54:42 1996
Received: from igate1.hac.com (igate1.HAC.COM [192.48.33.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA13998 for <aprssig@tapr.org>; Fri, 6 Dec 1996
17:54:40 -0600 (CST)
From: ttyamada@CCGATE.HAC.COM
Received: from ises01.ES.HAC.COM ([147.16.5.2]) by igate1.hac.com (8.7.6/8.7.3)
with SMTP id PAA04748 for <aprssig@tapr.org>; Fri, 6 Dec 1996 15:54:08 -0800 (PST)
Received: by ises01.ES.HAC.COM; id AA06870; Fri, 6 Dec 1996 15:54:06 -0800
Received: from cc:Mail by CCGATE.HAC.COM
id AA849916520; Fri, 06 Dec 96 15:37:05 PST8
Date: Fri, 06 Dec 96 15:37:05 PST8
Encoding: 32 Text
Message-Id: <9611068499.AA849916520@CCGATE.HAC.COM>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7011] Re: oops...slight goof

The one below didn't work, would you mean:
<http://circuit6.co.pinellas.fl.us/sheriff/specops.htm>
or
<http://circuit6.co.pinellas.fl.us/sheriff/index.htm>
???

----- Reply Separator -----
Subject: [APRSSIG:7011] Re: oops...slight goof
Author: aprssig@tapr.org at CCGATE
Date: 12/6/96 2:49 PM

Kevin Heyboer wrote:

>
> For those who were interested ref the EAGLE and the Pinellas County
> Florida Sheriff's Office, our home page is actually:
>
> <http://www.co.pinellas.fl.us/sheriff/index.html>

Correction: "<http://circuit6.co.pinellas.fl.us/sheriff.html>"

Neil - KA3DBK

EC Pinellas Co. FL. ARES
ka3dbk@w4dph.#tpa.fl.usa.na
email - "scout@gte.net"
Web Page(s) - "http://home1.gte.net/scout/index.htm"
Home Phone (813)441-3954
Sysop - ARES/RACES BBS!
(813)464-5279
(813)464-5280

From mead@hamal.usc.edu Fri Dec 06 17:55:39 1996
Received: from usc.edu (usc.edu [128.125.253.136]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id RAA14051 for <aprssig@tapr.org>; Fri, 6 Dec 1996 17:55:37 -0600
(CST)
Received: from hamal.usc.edu (mead@hamal.usc.edu [128.125.18.25])
by usc.edu (8.7.6/8.7.2/usc) with ESMTP
id PAA19769 for <aprssig@tapr.org>; Fri, 6 Dec 1996 15:55:35 -0800 (PST)
Received: (from mead@localhost)
by hamal.usc.edu (8.7.6/8.7.3/usc)
id PAA03323; Fri, 6 Dec 1996 15:55:33 -0800 (PST)
Date: Fri, 6 Dec 96 15:55:32 PST
From: Dick Mead <mead@hamal.usc.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7015] Re: Tripmate GPS unit
In-Reply-To: Your message of Fri, 6 Dec 1996 17:35:40 -0600 (CST)
Message-ID: <CMM.0.90.4.849916532.mead@hamal.usc.edu>

...snip..

>
> Okay now for the interface. As I see it...
> Tripmate- Pin #3 goes to PacComm Pin #4 (tx to receive audio)
> PacComm-- Pin #1 goes to Tripmate Pin #2 (mic audio to rx)
> Tripmate Pin #5 goes to PacComm Pin #2 (ground to ground)
>
> Is this how you see it? Assuming im using a separate power source for the
> Tripmate these are the only connections between the two units. (correct?)
>
>
>

I don't think you want to connect your Tripmate to the Radio port
of the TNC. You want the gps or terminal port.

Dick WB6NGC

From hwm@netcom.com Fri Dec 06 18:06:39 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom13.netcom.com [192.100.81.125]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA14678 for <aprssig@tapr.org>; Fri, 6
Dec 1996 18:06:32 -0600 (CST)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id
QAA00093 for <aprssig@tapr.org>; Fri, 6 Dec 1996 16:09:37 -0800
Date: Fri, 6 Dec 1996 16:09:36 -0800 (PST)

From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7013] AEA Again
In-Reply-To: <199612062238.RAA08450@smtest.usit.net>
Message-ID: <Pine.LNX.3.95.961206160735.88C-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Dec 1996, James Kerns wrote:

> Awhile back rgere were numerous msgs passed around about AEA going out of
> business. Naturally my AEA 232MBX just bit the dust. Called factory got phone
> been disconnected. Their Home Web Page dont answer.
>
> Anyone on SIG know who they left to do their repairs?
>
> Thanks for any help.
> Jim Kerns
> N4PUQ
> jkerns@usit.net
> Oliver Springs, Tn.
> (just outside Oak Ridge where everyone glows in the dark!!)

I don't know what your symtoms are, but the 232 is notorious for the
screw holding down the voltage regulator coming loose from heat cycling.
That regulator gets very warm.

Bob - wd6dod

From bobj@tiac.net Fri Dec 06 18:29:46 1996
Received: from maildeliver0.tiac.net (maildeliver0.tiac.net [199.0.65.19]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA15844 for <aprssig@tapr.org>; Fri, 6
Dec 1996 18:29:45 -0600 (CST)
Received: from zork.tiac.net (zork.tiac.net [199.0.65.2]) by maildeliver0.tiac.net
(8.8.0/8.8) with ESMTP id TAA24880 for <aprssig@tapr.org>; Fri, 6 Dec 1996
19:29:44 -0500 (EST)
Received: from bobj (bobj.tiac.net [199.3.136.106]) by zork.tiac.net
(8.8.2/8.6.6.Beta9) with SMTP id TAA06511 for <aprssig@tapr.org>; Fri, 6 Dec 1996
19:29:42 -0500 (EST)
Message-Id: <1.5.4.32.19961207002904.0090f748@tiac.net>
X-Sender: bobj@tiac.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 06 Dec 1996 19:29:04 -0500
To: aprssig@tapr.org
From: bobj <bobj@tiac.net>
Subject: Re: [APRSSIG:7004] Re: DeLorme Tripmate

At 10:38 AM 12/6/96 -0600, you wrote:

>Joe Scalet <jjscalet@dound.net> wrote
>
>>I'm a registered user of Delorme products but did not get an upgrade
>>flier prior to reading about it on this sig. I called them and got the
>>BE32 code for upgrade, sent them a check on 11/25/96 and recieved the
>>package on 12/5/96. So far I'm impressed with the service and the unit.
>>Its my fourth GPS, each one has been better and cheaper. There's no such
>>thing as too many toys.
>>
>Well I just got mine yesterday. It installed fine on the home computer but
>was touch and go on my laptop. Delorme says use a minimum of a 486DX with 8
>meg memory and 10 meg swapfile. I've got it running (S L O W L Y) on a
>386SX25 running Win 3.1 with 4 meg ram, corrupt swapfile, broken trackball
>and a pretty full compressed 80 meg harddrive. Its amazing it works at all.
>Next comes wiring up a regulator for the GPS. The 386 package takes forever
>to boot and initialize, so I plan on leaving the whole works powered up most
>of the time..
>
>John Kozak; N3AGG
>jkkozak@erols.com
>
Got mine a few days after the flyer arrived.. Gee Whiz it works GUD!
Now, any way of getting it to work with APRS? Init strings to feed it?.. Who
makes the board..... etc...

DE N1EUY

Bob Johnson

Billerica, MA

From tomcmugs@n-link.com Fri Dec 06 18:35:52 1996
Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA16270 for <aprssig@tapr.org>; Fri, 6 Dec 1996
18:35:51 -0600 (CST)
Received: from tomcmugs (blackfoot79 [208.135.244.79]) by n-link.com
(8.6.12/8.6.9) with SMTP id SAA26224 for <aprssig@tapr.org>; Fri, 6 Dec 1996
18:35:49 -0600
Message-ID: <32A8D8D2.6EAD@n-link.com>
Date: Fri, 06 Dec 1996 18:39:15 -0800
From: Tommie Taylor <tomcmugs@n-link.com>
Organization: A1 Kustom Mugs
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6995] Re: APRS From TX
References: <32A7BFCA.6E93@why.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

dkaszubski wrote:

>

> Tommie Taylor wrote:

Received: from -kb6lfm (ala-ca26-39.ix.netcom.com [207.93.42.103]) by dfw-ix9.ix.netcom.com (8.6.13/8.6.12) with SMTP id QAA26878 for <aprssig@tapr.org>; Fri, 6 Dec 1996 16:59:20 -0800
Message-ID: <32A8C167.47B6@ix.netcom.com>
Date: Fri, 06 Dec 1996 16:59:19 -0800
From: kb6lfm <kb6lfm@ix.netcom.com>
Reply-To: kb6lfm@ix.netcom.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7013] AEA Again
References: <199612062238.RAA08450@smtest.usit.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

James Kerns wrote:

>
> Awhile back rgere were numerous msgs passed around about AEA going out of
> business. Naturally my AEA 232MBX just bit the dust. Called factory got phone
> been disconnected. Their Home Web Page dont answer.
>
> Anyone on SIG know who they left to do their repairs?
>
> Thanks for any help.
> Jim Kerns
> N4PUQ
> jkerns@usit.net
> Oliver Springs, Tn.
> (just outside Oak Ridge where everyone glows in the dark!!)

KB6LFM WRITES:

To my knowledge (which is limited) AEA has made NO arrangements with anyone to repair there products... We are on our own Jim.

73 de Bill/LFM

From scout@gte.net Fri Dec 06 19:11:09 1996
Received: from mail.gte.net (sm1.gte.net [207.175.111.18]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA18001 for <aprssig@tapr.org>; Fri, 6 Dec 1996 19:11:08 -0600 (CST)
Received: from default (clw231011.gte.net [207.115.231.11]) by mail.gte.net (950413.SGI.8.6.12/950213.SGI.AutoCF) via SMTP id TAA21785 for <aprssig@tapr.org>; Fri, 6 Dec 1996 19:10:35 -0600
Message-ID: <32A8C39A.C5E@gte.net>
Date: Fri, 06 Dec 1996 20:08:42 -0500
From: Neil Lauritsen <scout@gte.net>
Reply-To: scout@gte, net@mail.gte.net
Organization: PINELLAS CO FL ARES, SKYWARN, & RACES
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:7016] Re: ooops...slight goof
References: <9611068499.AA849916520@CCGATE.HAC.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ttyamada@CCGATE.HAC.COM wrote:

>
> The one below didn't work, would you mean:
> <http://circuit6.co.pinellas.fl.us/sheriff/specops.htm>
> or
> <http://circuit6.co.pinellas.fl.us/sheriff/index.htm>
> ???

yes..Thanks!

--

Neil - KA3DBK
EC Pinellas Co. FL. ARES
ka3dbk@w4dph.#tpa.fl.usa.na
email - "scout@gte.net"
Web Page(s) - "<http://home1.gte.net/scout/index.htm>"
Home Phone (813)441-3954
Sysop - ARES/RACES BBS!
(813)464-5279
(813)464-5280

From billk@inland.net Fri Dec 06 19:18:25 1996
Received: from ns1.inland.net (root@ns1.inland.net [207.155.59.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA18463 for <aprssig@tapr.org>; Fri, 6 Dec 1996
19:18:22 -0600 (CST)
Received: from default (pm1-67.inland.net [207.155.59.67]) by ns1.inland.net
(8.6.12/8.6.12) with SMTP id RAA12451 for <aprssig@tapr.org>; Fri, 6 Dec 1996
17:09:36 -0800
Date: Fri, 6 Dec 1996 17:09:36 -0800
Message-Id: <199612070109.RAA12451@ns1.inland.net>
From: Bill Kearns <billk@inland.net>
X-Priority: Normal
Content-Type: text/plain
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7017] Re: Tripmate GPS unit
X-Mailer: Pronto Mail [ver 3.04 (1006)]
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

Dick,

the object is to have a complete manual...please edit the area that
needs correcting....this way we can maintain a complete manual instead of
several upon several corrective messages...simply edit the manual and repost
it....no snips.....

Bill Kearns WB6JAR
909-678-6228

/// \\
///// \\\
(0 0)
-----o00--(_)--00o-----

From billk@inland.net Fri Dec 06 19:22:11 1996
Received: from ns1.inland.net (root@ns1.inland.net [207.155.59.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA18818 for <aprssig@tapr.org>; Fri, 6 Dec 1996
19:22:10 -0600 (CST)
Received: from default (pm1-67.inland.net [207.155.59.67]) by ns1.inland.net
(8.6.12/8.6.12) with SMTP id RAA12536 for <aprssig@tapr.org>; Fri, 6 Dec 1996
17:13:20 -0800
Date: Fri, 6 Dec 1996 17:13:20 -0800
Message-Id: <199612070113.RAA12536@ns1.inland.net>
From: Bill Kearns <billk@inland.net>
X-Priority: Normal
Content-Type: text/plain
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7017] Re: Tripmate GPS unit
X-Mailer: Pronto Mail [ver 3.04 (1006)]
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

slight goof on my part....showed the radio port instead of the rs-232
port....oh well....long day....(been up since 4:00am)...sorry

Bill Kearns WB6JAR
909-678-6228

/// \\
///// \\\
(0 0)
-----o00--(_)--00o-----

From mead@hamal.usc.edu Fri Dec 06 19:31:56 1996
Received: from usc.edu (usc.edu [128.125.253.136]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id TAA19276 for <aprssig@tapr.org>; Fri, 6 Dec 1996 19:31:53 -0600
(CST)
Received: from hamal.usc.edu (mead@hamal.usc.edu [128.125.18.25])
by usc.edu (8.7.6/8.7.2/usc) with ESMTP
id RAA00973 for <aprssig@tapr.org>; Fri, 6 Dec 1996 17:31:51 -0800 (PST)
Received: (from mead@localhost)
by hamal.usc.edu (8.7.6/8.7.3/usc)
id RAA03357; Fri, 6 Dec 1996 17:31:49 -0800 (PST)
Date: Fri, 6 Dec 96 17:31:48 PST
From: Dick Mead <mead@hamal.usc.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7024] Re: Tripmate GPS unit
In-Reply-To: Your message of Fri, 6 Dec 1996 19:22:10 -0600 (CST)
Message-ID: <CMM.0.90.4.849922308.mead@hamal.usc.edu>

```

> Dick,
>
>   the object is to have a complete manual...please edit the area that
> needs correcting....this way we can maintain a complete manual instead of
> several upon several corrective messages...simply edit the manual and repost
> it....no snips.....
>
>           Bill Kearns WB6JAR
>           909-678-6228
>
>           /// \\
>          ///// \\\\
>         ( 0 0 )
> -----o00--( )--00o-----
>
>
>

```

Well, if I had my Tripmate and associated TNC I would have. Since I don't, the object was to point out a possible error.

Dick WB6NGC

```

From hammock@wired.jpl.nasa.gov Fri Dec 06 19:33:07 1996
Received: from wired.jpl.nasa.gov (wired.jpl.nasa.gov [128.149.72.59]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA19424 for <aprssig@tapr.org>; Fri, 6 Dec 1996
19:33:01 -0600 (CST)
Received: from wired by wired.jpl.nasa.gov via SMTP
(940816.SGI.8.6.9/940406.SGI.AUT0)
    for <aprssig@tapr.org> id SAA03909; Fri, 6 Dec 1996 18:52:57 -0800
Sender: hammock@wired.jpl.nasa.gov
Message-ID: <32A8DC08.2781@wired.jpl.nasa.gov>
Date: Fri, 06 Dec 1996 18:52:56 -0800
From: Randy Hammock <hammock@wired.jpl.nasa.gov>
Organization: Galileo DMT 3910
X-Mailer: Mozilla 3.0Gold (X11; I; IRIX 5.3 IP20)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7021] KPC3 - Tripmate
References: <32A8C123.7E73@gte.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

Demos Doulou wrote:

```

>
> Has anyone sucesfully interfaced the Tripmate with a KPC3?
>
> Demos KR4US
> ddoulou@amsat.org
    Hope to do so this weekend. I see no problems at all in doing so. Just
    have the KPC-3 send the ASTRAL string to the Tripmate using the GPS INIT
    string command of the KPC-3.
--

```

Randy Hammock KC6HUR | Jet Propulsion Laboratory
mailto:hammock@wired.jpl.nasa.gov | M/S: 264-580
Voice: +1-818-393-1214 | 4800 Oak Grove Drive
Pager: +1-818-423-2062 | PASADENA CA 91109

From billk@inland.net Fri Dec 06 19:44:01 1996
Received: from ns1.inland.net (root@ns1.inland.net [207.155.59.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA20307 for <aprssig@tapr.org>; Fri, 6 Dec 1996
19:43:58 -0600 (CST)
Received: from default (pm2-105.inland.net [207.155.59.105]) by ns1.inland.net
(8.6.12/8.6.12) with SMTP id RAA13175 for <aprssig@tapr.org>; Fri, 6 Dec 1996
17:35:12 -0800
Date: Fri, 6 Dec 1996 17:35:12 -0800
Message-Id: <199612070135.RAA13175@ns1.inland.net>
From: Bill Kearns <billk@inland.net>
X-Priority: Normal
Content-Type: text/plain
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7017] Re: Tripmate GPS unit
X-Mailer: Pronto Mail [ver 3.04 (1006)]
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

ahhhhHA!!

shoot,,,after looking in 2 paccomm manuals...i cant find a pinout for
the DB-9 connecter. so i am borrowing one from the kantronics manual...

is this correct??

PacComm DB-9 Pinout:
Pin #1 audio
Pin #2 xcd (squelch)
Pin #3 PTT
Pin #4 nc
Pin #5 RX audio
Pin #6 GND
Pin #7 +12v
Pin #8 nc
Pin #9 GND

now....back to editing the manual and thanks to Dick Mead for pointing that
out.... (i gotta get some sleep!!)

Bill Kearns WB6JAR
909-678-6228

 /// \\\
 ///// \\\\\\\\
 (0 0)
-----o00--()--00o-----

From billk@inland.net Fri Dec 06 19:49:48 1996
Received: from ns1.inland.net (root@ns1.inland.net [207.155.59.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA20744 for <aprssig@tapr.org>; Fri, 6 Dec 1996 19:49:47 -0600 (CST)
Received: from default (pm2-105.inland.net [207.155.59.105]) by ns1.inland.net (8.6.12/8.6.12) with SMTP id RAA13626 for <aprssig@tapr.org>; Fri, 6 Dec 1996 17:41:00 -0800
Date: Fri, 6 Dec 1996 17:41:00 -0800
Message-Id: <199612070141.RAA13626@ns1.inland.net>
From: Bill Kearns <billk@inland.net>
X-Priority: Normal
Content-Type: text/plain
To: aprssig@tapr.org
Subject: RE:Tripmate GPS unit
X-Mailer: Pronto Mail [ver 3.04 (1006)]
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

Hello, this is the revised edition of the manual....any more mistakes??
feel free to criticize or edit...just repost it....

After reading about the Tripmate so much on the SIG. I finally broke down and bought the Delorme Tripmate at Computer City for \$129.95. Seems to be a stout little unit....now to hook it up to my PacComm (mobile tracker). What we need here on this SIG are a couple of on-going manuals for newbies (and everyone else) to refer to when assembling their mobile trackers. I'll stick my neck out and get this one started and I'd sure appreciate it if some of you WIZZ_BANGS out there would critique my notes and re-edit and re-post this manual giving me (and everyone else) advice and corrections where needed.

PacComm DB-9 Connector Pinout:

Pin #1 audio
Pin #2 xcd (squelch)
Pin #3 PTT
Pin #4 nc
Pin #5 RX audio
Pin #6 GND
Pin #7 +12v
Pin #8 nc
Pin #9 GND

TripMate Pinout:

Pin #1 nc
Pin #2 RX --Black wire
Pin #3 TX --Brown wire
Pin #4 DTR--Red wire, assert to turn on
Pin #5 GND--Orange wire, connects to GND of power
Pin #6 nc
Pin #7 nc
Pin #8 nc

Pin #9 RI --Yellow wire--goes to center pin of Power Connector.
(Special thnx to Gould Smith WA4SXM for the above pinout)

Okay now for the interface. As I see it...

Tripmate- Pin #3 goes to PacComm Pin #5 (tx to receive audio)

PacComm-- Pin #1 goes to Tripmate Pin #2 (mic audio to rx)

Tripmate Pin #5 goes to PacComm Pin #6 (ground to ground)

Is this how you see it? Assuming im using a separate power source for the Tripmate these are the only connections between the two units. (correct?)

Now for the software commands: (TNC baud rate must be set to 4800)
(Commands listed below are variable..)

```
mycall      callsign-9
btext       "AnyHAM's Mobile Tracker"
location    every 1
beacon every 60
unproto     aprs via wide,wide
gps         on
```

I need the "ini" command for the tripmate and the TNC command to load it in.
Also FYI, DeLorme sells a Tripmate power adapter kit for about 39 dollars...
....goes into a cigarette lighter or your laptop. 1-800-452-5931.

Ps. In case anyone wants to call the above number and order a TripMate for \$125.00 plus 5 shipping... here is the number off the back of my "Street Atlas USA" ver 4.0 700709 I don't know how many of you can order a tripmate using that number but at least one of you will. (the first one!) remember...these guys manning the phones are more than likely working on a commission and would love to have your business!!! Good Luck!!

Bill Kearns WB6JAR
909-678-6228

```
    ///  \\\
   /////  \\\
  (  0   0  )
```

-----o00--()--00o-----

From ksproul@hardees.rutgers.edu Fri Dec 06 20:11:10 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA22024 for <aprssig@tapr.org>; Fri, 6 Dec 1996 20:11:08 -0600 (CST)
Received: (from ksproul@localhost) by hardees.rutgers.edu (8.6.12+bestmx+oldruq+newsunq/8.6.12) id VAA09447; Fri, 6 Dec 1996 21:10:48 -0500
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Fri, 6 Dec 96 21:10:47 EST
From: Keith Sproul <ksproul@hardees.rutgers.edu>

Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7019] Re: DeLorme Tripmate
In-Reply-To: Your message of Fri, 6 Dec 1996 18:33:35 -0600 (CST)
Cc: Who@hardees.rutgers.edu, <jscalet@dound.net>
Message-ID: <CMM-RU.1.5.849924647.ksproul@hardees.rutgers.edu>

> At 10:38 AM 12/6/96 -0600, you wrote:
> >Joe Scalet <jscalet@dound.net> wrote
> >
> Now, any way of getting it to work with APRS? Init strings to feed it?..

WinAPRS and MacAPRS will have full support for the Tripmate in the next release. (The code is already done and tested)
(This was announced a couple days before thanksgiving, but, due to all of the other things going on at that time, you probably missed it).

I got a chance to play with one while in Texas visiting my dad and wrote the code to support it.. I really liked the unit and promptly ordered my one.. I just got my early this week.

> Who makes the board..... etc...

The board is made by Rockwell

This can be determined by the use of the \$PRWxxx stuff in the NMEA data..

In 'NMEA-SPEAK', data sentences that start with \$P are PROPRIETARY and the following two letters indicate the manufacturer.

i.e. \$PRWxxx = ROCKWELL

Keith Sproul

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From kc5ejk@onramp.net Fri Dec 06 20:25:21 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA22808 for <aprssig@tapr.org>; Fri, 6 Dec 1996 20:25:20 -0600 (CST)
Received: from [199.1.11.129] (dal29.onramp.net [199.1.11.129]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id UAA03682 for <aprssig@tapr.org>; Fri, 6 Dec 1996 20:25:10 -0600 (CST)
Message-Id: <v03007800aece805fd623@[199.1.11.146]>

In-Reply-To: <199612070135.RAA13175@ns1.inland.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 6 Dec 1996 20:26:03 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7028] Re: Tripmate GPS unit

TripMate Pinout:

Pin #1 nc
Pin #2 RX --Black wire (jump pin 2 to pin 3)
Pin #3 TX --Brown wire (this wire to TNC)
Pin #4 DTR--Red wire, assert to turn on
Pin #5 GND--Orange wire, connects to GND of power
(and RS-232 Ground to TNC)

Jump and Tripmate pin-2 to Tripmate pin-3 and forget any init strings. OK to leave connected after the Tripmate see's its own output and auto-starts.

Run the Tripmate pin-3 (TX) to the TNC or APRS computer RS-232 input pin.
(no connection to TNC or APRS computer RS-232 output pin.)

Connect Tripmate pin-5 (gnd) to TNC or APRS computer RS-232 ground pin.

Connect Tripmate pin-4 (DTR) to TNC or APRS computer RS-232 DTR pin or a RS-232 output that comes on when the TNC or computer is on.

Note to Bill, the RADIO I/O ports are your problem
and not part of the Tripmate manual.
Don't make ANY tripmate connections to the TNC RADIO port.
I have now seen two posting that are wrong !

I have the Tripmate and SA4 software running on my MAC, but I need
20 MEGS for Softwindows and I still get a few crashes.

I have tried Tripmate with MACaprs and it works.
I even see all 12 satelllites in the display window.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From n5rkn@apex2000.net Fri Dec 06 20:41:53 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA23653 for <aprssig@tapr.org>; Fri, 6
Dec 1996 20:41:49 -0600 (CST)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with
ESMTP id aa088140 for <aprssig@tapr.org>; Fri, 6 Dec 1996 20:43:55 -0600
Message-ID: <32A8D90D.47A8@apex2000.net>
Date: Fri, 06 Dec 1996 20:40:13 -0600

From: Robert Jordan <n5rkn@apex2000.net>
Reply-To: n5rkn@apex2000.net
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7010] A/Navy FBALL run underway
References: <Pine.GS0.3.95.961206150417.26254B-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>

> We are using the path of RELAY,WIDE,WIDE on 145.79 MHz and hope that we
> can work around the failed digipeater at Elk Neck (WB4APR-11). Football
> should arrive in Philly at 0700 tomorrow AM. In anycase, if you have a
> UHF scanner that can hear frequencies in the range of 260 MHz, then you
> should be able to hear the packets direct, anywhere in the country.
> Contact me for details...

I must have missed the original msg relating to this. But, I do have
260MHz capability on receive. What exact freq?

Robert

From ddoulou@gte.net Fri Dec 06 21:44:44 1996
Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA26565 for <aprssig@tapr.org>; Fri, 6 Dec 1996
21:44:43 -0600 (CST)
Received: from maximus (clw231009.gte.net [207.115.231.9]) by smtp.gte.net
(SMI-8.6/) via SMTP id VAA12017 for <aprssig@tapr.org>; Fri, 6 Dec 1996 21:44:41
-0600
Message-ID: <32A8E850.F69@gte.net>
Date: Fri, 06 Dec 1996 22:45:20 -0500
From: Demos Doulou <ddoulou@gte.net>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7027] Re: KPC3 - Tripmate
References: <32A8DC08.2781@wired.jpl.nasa.gov>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Randy Hammock wrote:

>

> Demos Doulou wrote:

> >

> > Has anyone sucesfully interfaced the Tripmate with a KPC3?

> >

> > Demos KR4US

> > ddoulou@amsat.org

> Hope to do so this weekend. I see no problems at all in doing so. Just
> have the KPC-3 send the ASTRAL string to the Tripmate using the GPS INIT
> string command of the KPC-3.

> --

>

Well I did it. You need to install r48 in the KPC3 to force the DTR line high so the tripmate will turn on. Then set gpsint to ASTRAL. Connect the two with a NULL modem cable and your set. Now if I can just find out why the tripmate has stopped sending GGA strings.

Demos KR4US
ddoulou@amsat.org

From n0lrf@computer-services.com Fri Dec 06 22:53:18 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA29172 for <aprssig@tapr.org>; Fri, 6 Dec 1996 22:53:16 -0600 (CST)
Received: from pm6_10.computer-services.com (pm6_10.computer-services.com [206.101.232.157]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id WAA06284 for <aprssig@tapr.org>; Fri, 6 Dec 1996 22:53:19 -0600
Message-ID: <32A9139B.45EE@computer-services.com>
Date: Fri, 06 Dec 1996 22:50:03 -0800
From: Paul Stump <n0lrf@computer-services.com>
Reply-To: n0lrf@computer-services.com
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: GPS 25 mcx conn...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why did I buy those \$6.00 MCX connectors, when all I had to do was VERY GENTLY pry the MCX connector off the board? Use a small screwdriver very slowly & DON'T pull up the circuit traces. A magnifier lamp is good for those of us in the bifocal age.

I then stripped & soldered abt four inches of RG 316 to the exposed pads. Crimped a female BNC, bulkhead, connector to the other end. Drill & mount the BNC in the mini-box & you're rolling.

Works great! Should work on the GPS 20 board as well...

--

73, Paul, n0lrf@computer-services.com

From kheyboer@pinegov.co.pinellas.fl.us Sat Dec 07 03:26:10 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA15454 for <aprssig@tapr.org>; Sat, 7 Dec 1996 03:26:08 -0600 (CST)
Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4) id XAA29087; Fri, 6 Dec 1996 23:25:37 -0500
Message-ID: <32A938B3.2276@co.pinellas.fl.us>
Date: Sat, 07 Dec 1996 04:28:20 -0500
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Reply-To: kheyboer@pinegov.co.pinellas.fl.us
Organization: Pinellllas SKYWARN Coordinator

X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7016] Re: oops...slight goof
References: <9611068499.AA849916520@CCGATE.HAC.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ttyamada@CCGATE.HAC.COM wrote:

```
>
> The one below didn't work, would you mean:
> http://circuit6.co.pinellas.fl.us/sheriff/specops.htm
> or
> http://circuit6.co.pinellas.fl.us/sheriff/index.htm
> ???
>
> ----- Reply Separator -----
> Subject: [APRSSIG:7011] Re: oops...slight goof
> Author: aprssig@tapr.org at CCGATE
> Date: 12/6/96 2:49 PM
>
> Kevin Heyboer wrote:
> >
> > For those who were interested ref the EAGLE and the Pinellas County
> > Florida Sheriff's Office, our home page is actually:
> >
> > http://www.co.pinellas.fl.us/sheriff/index.html
>
> Correction: "http://circuit6.co.pinellas.fl.us/sheriff.html"
>
> Neil - KA3DBK
> EC Pinellas Co. FL. ARES
> ka3dbk@w4dph.#tpa.fl.usa.na
> email - "scout@gte.net"
> Web Page(s) - "http://home1.gte.net/scout/index.htm"
> Home Phone (813)441-3954
> Sysop - ARES/RACES BBS!
> (813)464-5279
> (813)464-5280
>
```

Well....we will get it right sooner or later...., it is either:

<http://circuit6.co.pinellas.fl.us/sheriff/index.htm>

or

<http://www.co.pinellas.fl.us/sheriff/index.htm>

pls note its note ".html" which always confuses me anyway

--

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From jkerns@usit.net Sat Dec 07 07:10:13 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA20858 for <aprssig@tapr.org>; Sat, 7 Dec 1996
07:10:11 -0600 (CST)
Received: from LOCALNAME (bway-slip72.dynamic.usit.net [204.194.172.118]) by
smtest.usit.net (8.7.5/8.6.12) with SMTP id IAA22408 for <aprssig@tapr.org>; Sat,
7 Dec 1996 08:16:59 -0500 (EST)
Date: Sat, 7 Dec 1996 08:16:59 -0500 (EST)
Message-Id: <199612071316.IAA22408@smtest.usit.net>
X-Sender: jkerns@pop.usit.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>
Subject: Bob WD6DOD

Bob I'll check that screw, thanks. When I turn on 232 the STA light lights
and NOW occasionally the baudot light, when I hit enter to make TNC talk to
computer the goes to the CON instead of PCK as it used to. (using PKRATT)
Occasionally now BAUDOT never come on and light goes to CON instead of PKT
and program aborts.

Jim Kerns
N4PUQ
jkerns@usit.net
Oliver Springs, Tn.
(just outside Oak Ridge where everyone glows in the dark!!)

From rmanak@execpc.com Sat Dec 07 09:03:38 1996
Received: from mailgate.execpc.com (root@mailgate.execpc.com [169.207.16.5]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24681 for <aprssig@tapr.org>; Sat, 7
Dec 1996 09:03:36 -0600 (CST)
Received: from mail.execpc.com (mail [169.207.16.2]) by mailgate.execpc.com
(8.8.4/8.8.3) with ESMTP id JAA08705 for <aprssig@tapr.org>; Sat, 7 Dec 1996
09:04:35 -0600
Received: from default (elseed.execpc.com [169.207.5.151]) by mail.execpc.com
(8.8.4/8.8.3) with SMTP id JAA08264 for <aprssig@tapr.org>; Sat, 7 Dec 1996
09:03:32 -0600 (CST)
Message-Id: <2.2.32.19961207150603.006f19a0@mail.execpc.com>
X-Sender: rmanak@mail.execpc.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 07 Dec 1996 09:06:03 -0600
To: aprssig@tapr.org
From: Robert J Manak <rmanak@execpc.com>

Subject: Tripmate -- MIM Module

Has anyone successfully interfaced the Tripmate with a MIM Module? This could make a nice small tracking package.

73 bob
aa9jw@amsat.org

From clark@tomcat.gsfc.nasa.gov Sat Dec 07 10:20:47 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA26973 for <aprssig@tapr.org>; Sat, 7 Dec 1996 10:20:42 -0600 (CST)
From: clark@tomcat.gsfc.nasa.gov
Received: by tomcat.gsfc.nasa.gov (920411 (KA9Q+W3IWI))
id AA10751 ; Sat, 07 Dec 96 16:09:02 UTC
Date: Sat, 07 Dec 96 16:09:02 UTC
Message-Id: <10752@tomcat.gsfc.nasa.gov>
To: aprssig@tapr.org
Cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7034] GPS 25 mcx conn...
In-Reply-To: your message of Fri, 6 Dec 1996 22:55:11 -0600 (CST).
<32A9139B.45EE@computer-services.com>

I sure don't recommend removing the MCX connector from a PCB!
Remember that those are multi-layer circuit boards and they are easy to damage. It takes less than 5 minutes to put an MCX connector on a piece of cable even without fancy tools.

73, Tom

From hwm@netcom.com Sat Dec 07 11:29:38 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom5.netcom.com [192.100.81.113]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA28848 for <aprssig@tapr.org>; Sat, 7 Dec 1996 11:29:32 -0600 (CST)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id JAA00233 for <aprssig@tapr.org>; Sat, 7 Dec 1996 09:32:47 -0800
Date: Sat, 7 Dec 1996 09:32:47 -0800 (PST)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7036] Bob WD6DOD
In-Reply-To: <199612071316.IAA22408@smtest.usit.net>
Message-ID: <Pine.LNX.3.95.961207093014.214E-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Dec 1996, James Kerns wrote:

> Bob I'll check that screw, thanks. When I turn on 232 the STA light lights
> and NOW occasionally the baudot light, when I hit enter to make TNC talk to
> computer the goes to the CON instead of PCK as it used to. (using PKRATT)
> Occasionally now BAUDOT never come on and light goes to CON instead of PKT

> and program aborts.

The screw is not your problem then. I would try resetting the tnc and reseating any socketed chips. It sounds like it still alive but confused.

Bob - wd6dod

From gwyn@paccomm.com Sat Dec 07 12:43:12 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA01152 for <aprssig@tapr.org>; Sat, 7 Dec 1996
12:43:08 -0600 (CST)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vWRiN-000FSAC; Sat, 7 Dec 96 13:43 EST
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBE444.5E55A200@gwyn.paccomm.com>; Sat, 7 Dec 1996 13:41:37 -0500
Message-ID: <01BBE444.5E55A200@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:7028] Re: Tripmate GPS unit
Date: Sat, 7 Dec 1996 13:41:30 -0500
Encoding: 46 TEXT, 49 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

On Friday, December 06, 1996 2:48 PM, Bill Kearns[SMTP:billk@inland.net]
wrote:
>ahhhhHA!!
>
> shoot,,,after looking in 2 paccomm manuals...i cant find a pinout for
>the DB-9 connecter. so i am borrowing one from the kantronics manual...
>
>is this correct??
>
>PacComm DB-9 Pinout:
>Pin #1 audio
>Pin #2 xcd (squelch)
>Pin #3 PTT
>Pin #4 nc
>Pin #5 RX audio
>Pin #6 GND
>Pin #7 +12v
>Pin #8 nc
>Pin #9 GND
>
>now....back to editing the manual and thanks to Dick Mead for pointing
that
>out.... (i gotta get some sleep!!)
>
> Bill Kearns WB6JAR
> 909-678-6228
>
> /// \\\

You really ought to get some sleep! Tell me which PacComm product manual you have and I'll tell you which page number to turn to. The above is NOT our pinout!

gwyn@paccomm.com
<http://www.paccomm.com>
 Gwyn Reedy, W1BEL
 PacComm Packet Radio Systems
<http://www.paccomm.com>

```
begin 600 WINMAIL.DAT
M>)\^(B<2`0:0" '$' '!!!!!!!' '$' `0>0!@(' ``Y 0``````#H`$(@ <`
M& ``$E032Y-:-6-R;W-O9G0@36I;"Y.;W1E`#$(`OV ! ``````@`"$$$$
MD 8`# $``$```, ````P``, (````+```\.`````(!_P\!````/P````
M`""!*Q^DOJ,0&9UN`-T!:#U0"````&%P<G-S:6= =&%P<BYO<F<`4TU44 !A
M<' )S<VEGO`1A<'(N;W)G``>`(P`0````4``!33510````!X`S !````
M$0``&%P<G-S:6= =&%P<BYO<F<````P`5# $```#`/X/@``!X`3!
M````$P````"=A<' )S<VEGO`1A<'(N;W)G)P``@#+, $``6``4TU44#I!
M4%)34TE`0%1!4%(N3U)````P`.0````+$ Z`0````(!]@\!````! ``
M````(1+@$@$ $`*0```)%.B!;!05!24U-)1SHW,#(X72!293H@5')I<&UA
M=&4@1U!3('5N:70`+@P!;!8 #`X``#`,`PP!`P`-"D`@&$`!2" `P`.
M````S <`,`<`#0`H`0`!@`E`0$)@$ `(0``# Y-#DQ1C9$,S4U,$0P,3$X
M,$0U,# T,# U,CE"OTOW`-\&`0.0!@#T!0`% ``L(P````P`F``
M``+`"D`````,`+@````P`V````!`#D`0%,MOV[DNP$>`' ``0``
M`"D``!213H@6T%04E-324<Z-S R.%T@4F4Z(%1R:7!M871E($=04R!U;FET
M````(!<0`!````%@``&[Y&Y"X6T?20I0-1'0@-4`0 4I0-<``!X`'@P!
M````!0``%-5%``@`?# $``1``9W=Y;D!P86-C;VUM+F-O;0``
M``#`80MY[F@P,!Q#>@``@`($ $``!E``3TY&4DE$05DL1$5#14U"
M15(P-BPQ.3DV,CHT.%!-+)$)3$Q+14%23E-33510.D))3$Q+0$E.3$%.1$Y%
M5%=23U1%.D%(2$A(05-(3T]4+"PL049415),3T]+24Y`24XR4$%#0P````"
M`0D0`0``%@$``!4! ``J@L`$Q:1G4%`X`M_P`*`0`"%0*D`^0%ZP*#`% 3
M`U0" "&-H"L!S971N,@8`!L,"@S($1@(<+!R<3@$%"4"@S,#Q><3@Q(@#_]F
M-!3,!Q,"@\XU%,H3T!609C84QQ&UNC 7IGT*@ C/"=D['-\,(3(X'?E,C4U
M#P* "H$-LOM@;F<Q,(8S%+ +`VQI,S8-\\)<+51;"# %C$N @3P.@`D8%$&1A
M>2P@1(T%D&4&T 20(# V) ``,3DY-B R.C30."!0320`0@,0`R ,2V4*P "
M6U--5,A0.F(EX6M "X A$8AD+FX2`%T@=P-@Z`1E.@J$/@M&%+(C`Y<`4!.@
M*"%C!4!A:"JO L$A!(2$*A")/,BC/'RG8*P\L`RT0#((@<VCJ;R@@+#(`80&
M)($<<&10:PN 9R +@`4P($*L&,%H&UM(.!=8D`0`,`N-%!I(&,</4%0&8+
M@&0J<#-0"X (8!\TT06Q+C\03S!?'1HXF4D$$ (M.320`B GL.LJ4 20+C&@
M;S,*G SP/T&X`(#8 /P,N$" (#EP`U+=.4-K-+ $#8 ,`8P0@,^3_-%$V`S<0
M.#\]SS[?/^\'S`#\$ (#E01#$$H1S@*E _/_ ]_T(/0Q)%3T9?1V\E@`#@]PA0
M,[ $YDU U<RA52-)] [PM*^S,1(Q/0875D:3Y03/].#T\`4"02('AC434@*`-Q
M"E!L$; I+U#_4@]3`U D,R6 5%/57]6CU>?4"0T(&YCKUE?6F];?U D-0?P
M6%"?CUW?7N]/RB4@1TY$85]'8F[C?U D-R K`Q!V V4 9D]G7U D)7!=$#V?
```

M:R__4 8YP&4/;=]N[TA/<;]RSTLJ0C6 =S11+F(`T&OG.4 ZH F :70RTCE2
M,^10*G U\$3E0`'!K1\$\$ZH\$0[//!WX\$TF, #4@-=)P;_L+@'AE805 =]U'W80
M.Z#0-: !W<E30-(!G*" !D' _@KQ(`.H\$'@#&@; G@<"K@_U50?0]^'W/_@F^#
M?P5 A\X!)=D@5T(V2D%2'X2?A: ^&OX?/C5\$Y, #G0+38W. (Z0, A\@B?__BP^,
M'XU?D0B/+Y _D4^2__V7E"^8H ,PF..4#Y4?EB__EY^899BWF0^:'YLOG#^B
M-0XHHC ;<*-3@5^?SZ#?!4!" +: <_+6]/3Z=0**Q?*:=0J'!0IU\MH_:0(; \B
MR9/U"H59"& @'.#)!T!L>7\Q9V@Y, 3J@N8!=(%15(,@@+%W1'!G\$;!+IRH!
M9'4J47CU>9NM@1' =CEP>6)))R7Q?R@P)?&R`K T"K" 4&S =7LD8W@!= AP
M`Z`X`#IP5!LY80&@;[)A1#%.3U1_?S%[`35S*06LJ@K[&%(Q46C 1W=Y`Z!2
M">!DP2/Q5S%"14P*A4NV=4NQ:X!A4GJP83 2,7.I*#!M<ZRK9[G!0#-ECBXS
MD0J%KE!T<#J8H/IWOZ NOA*A LW&F(!T'VYKTRZ[[O^ON^^**S\$?0''D ,`
M\$!`''''''P`1\$`''''!``<P0+NM#V[DNP%``@P0+NM#V[DNP\$>`#T``0``
7``4``!213H@`''''',`#33]-P``6=SD
,

end

From schiers@ames.net Sat Dec 07 13:09:17 1996

Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA02144 for <aprssig@tapr.org>; Sat, 7 Dec 1996
13:09:16 -0600 (CST)

From: schiers@ames.net

Received: from HASAN (nevia.net [206.29.127.242]) by brain.ames.net (8.6.12/8.6.9)
with SMTP id NAA01648 for <aprssig@tapr.org>; Thu, 7 Dec 1995 13:07:51 -0600

Message-Id: <199512071907.NAA01648@brain.ames.net>

Date: Sat, 07 Dec 96 13:08:12 -0600

To: aprssig@tapr.org

Subject: Re: Win95/Java Internet Exporer Question

In-Reply-To: <1.5.4.32.19961207170233.0069fda0@pop3.galesburg.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <1.5.4.32.19961207170233.0069fda0@pop3.galesburg.net>, on 12/07/96 at
11:02 AM,

"Benjamin K. Derry" <derryb@galesburg.net> said:

>Hi. As far as I know Win95 comes with IE 1.0 which doesn't support java.
>Unless they remastered there CD or 3.5" Disks recently to include IE 3.0.

>Ben (N9VPU)

The lastest CD comes with version 3.1 and had good java support. Now, I
need to find why real audio doesn't work. The RA player comes up after I
click on a site with an RA icon, but nothing loads or plays. Anyone have
any suggestions? 73,

hasan schiers, NOAN

schiers@ames.net

From sdimse@bridge.net Sat Dec 07 14:12:08 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id OAA04291 for <aprssig@tapr.org>; Sat, 7 Dec 1996 14:12:06 -0600 (CST)
Received: from [199.174.225.110] (hd25-110.compuserve.com [199.174.225.110]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id PAA17668 for <aprssig@tapr.org>; Sat, 7 Dec 1996 15:11:36 -0500 (EST)
Message-Id: <199612072011.PAA17668@newworld.bridge.net>
Subject: Re: [APRSSIG:7041] Re: Win95/Java Internet Explorer Question
Date: Sat, 7 Dec 96 15:11:40 -0000
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>The latest CD comes with version 3.1 and had good java support. Now, I
>need to find why real audio doesn't work. The RA player comes up after I
>click on a site with an RA icon, but nothing loads or plays. Anyone have
>any suggestions? 73,
>

Buy a Mac!

Steve K4HG

From sdimse@bridge.net Sat Dec 07 14:50:36 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id OAA05652 for <aprssig@tapr.org>; Sat, 7 Dec 1996 14:50:33 -0600 (CST)
Received: from [207.16.5.54] (ppp-mia1-54.bridge.net [207.16.5.54]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id PAA20751 for <aprssig@tapr.org>; Sat, 7 Dec 1996 15:50:27 -0500 (EST)
Message-Id: <199612072050.PAA20751@newworld.bridge.net>
Subject: Tripmate first impressions
Date: Sat, 7 Dec 96 15:50:32 -0000
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Well, I went out and got one at Computer City for \$149.95, minus a 20 coupon I had from them. DeLorme wouldn't accept my Mac registration number for the direct upgrade.

I had to wire up a cable to the Mac, used the trick of connecting pins 2&3, and worked perfectly.

Cold time to first fix 2 min 10 sec. Sitting on the windowsill. Wow!

This must indeed be a 12 chan parallel receiver with that kind of lock up time. It is also very fast to track turns in the car, none of the lag you see in the single channel multiplexed units like the GPS 20/45/etc.

The unit does not have a clock that runs when the unit is powered down, so each power-up is a cold start...good thing it locks up fast. It does seem to store the last posit and the almanac...most of the startup time seem to be the search for the first sat to get the date/time, then it locks up fast.

The unit also reaquires the signal in a few seconds, again typical of multi channel units, important in a urban setting where signals get blocked by buildings.

Opening it up, the patch antenna is soldered to the top of the metal shielding, it will be tough to attach an external antenna. Lots of room to build in the power supply though. Anybody with a variable voltage power supply tried to see how low the power can go? It'd be nice to run off a simple 5v regulator, but it isn't much tougher to use a variable regulator to get 6v.

In summary, a great GPS for peanuts.

I sure wish I hadn't bought two of the GPS-20's. I'll keep one for the TAC, but if anyone wants to buy one (tested once, otherwise unused with virgin cables) I'll give you a great deal! Maybe for the next purchase TAPR could look into getting some of these Rockwell units. Strip off the software, serial cable, plastic case and antenna and DeLorme can't be paying more than \$50 for these units. We couldn't buy as many, but still should be a lot less than the GPS-20.

Steve K4HG

From n0lrf@computer-services.com Sat Dec 07 15:43:43 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA07536 for <aprssig@tapr.org>; Sat, 7 Dec 1996 15:43:41 -0600 (CST)
Received: from pm6_04.computer-services.com (pm6_04.computer-services.com [206.101.232.151]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id PAA21049 for <aprssig@tapr.org>; Sat, 7 Dec 1996 15:43:23 -0600
Message-ID: <32AA0066.4172@computer-services.com>
Date: Sat, 07 Dec 1996 15:40:22 -0800
From: Paul Stump <n0lrf@computer-services.com>
Reply-To: n0lrf@computer-services.com
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7038] Re: GPS 25 mcx conn...
References: <10752@tomcat.gsfc.nasa.gov>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I sure don't recommend removing the MCX connector from a PCB!
> Remember that those are multi-layer circuit boards and they are
> easy to damage. It takes less than 5 minutes to put an MCX

> connector on a piece of cable even without fancy tools.

>

Please bear in mind that the connector came off, leaving the traces intact. Like I said, "be slow and careful" -not for the faint of heart...

--

73, Paul, n0lrif@computer-services.com

From mark@y100.com Sat Dec 07 16:50:10 1996

Received: from mail3.voicenet.com (mail3.voicenet.com [207.103.0.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA10727 for <aprssig@tapr.org>; Sat, 7 Dec 1996 16:50:09 -0600 (CST)

Received: from default (wches141-pri.voicenet.com [207.103.113.104]) by mail3.voicenet.com (8.7.5/8.6.12) with SMTP id RAA27891 for <aprssig@tapr.org>; Sat, 7 Dec 1996 17:53:00 -0500 (EST)

Message-ID: <32A9F3E6.7708@y100.com>

Date: Sat, 07 Dec 1996 17:47:02 -0500

From: Mark Humphrey <mark@y100.com>

Reply-To: mark@y100.com

Organization: WPLY - 100 / Radio Philadelphia

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7043] Tripmate first impressions

References: <199612072050.PAA20751@newworld.bridge.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

> In summary, a great GPS for peanuts.

>

I ordered one a few days ago, haven't received it yet, but I appreciate the good reports!

The big question:

Has anyone taken the Tripmate in an aircraft yet, and does it have an upper speed limit like the Garmin 45? Any comments on the accuracy of the altitude reading?

I'm planning to demonstrate mobile APRS to a friend who is a pilot -- hope the Tripmate will work in place of my Garmin...

73, Mark KE3XY

mark@y100.com

From bruninga@nadn.navy.mil Sat Dec 07 17:00:47 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA11123 for <aprssig@tapr.org>; Sat, 7 Dec 1996 17:00:45 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id RAA27907 for <aprssig@tapr.org>; Sat, 7 Dec 1996
17:59:43 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 7 Dec 1996 17:59:43 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRSdos MAP needs
Message-ID: <Pine.GS0.3.95.961207175118.27710A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While recently going through and re-saving all of my standard distro maps
in Compressed format, I noted that some do not meet my current standards
for the reasons shown. While eventually, I may get around to fixing these,
if there is anyone else with the 2,000,000 USGS data that wanted to fix
these, then feel free to do so!

Emaps: NYAlbany tall format, not wide enough
NYcentral sparse
ONQuebec very sparse
SEmaps: ALBirmingham tall format, not wide enough
LAcenral tall format, not wide enough
Cmaps: NDNE needs labels
MTwest needs labels
NEOmaha tall format, not wide enough
Wmaps: NVVegas tall format, not wide enough

If any of these maps are the only thing that covers your area, lemme know
and I can then prioritize my time as to where to start, if no one else
does it...

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From jkerns@usit.net Sat Dec 07 18:14:38 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA14079 for <aprssig@tapr.org>; Sat, 7 Dec 1996
18:14:35 -0600 (CST)
Received: from LOCALNAME (BWAY-SLIP269.DYNAMIC.USIT.NET [205.241.214.109]) by
smtest.usit.net (8.7.5/8.6.12) with SMTP id TAA04995 for <aprssig@tapr.org>; Sat,
7 Dec 1996 19:21:23 -0500 (EST)
Date: Sat, 7 Dec 1996 19:21:23 -0500 (EST)
Message-Id: <199612080021.TAA04995@smtest.usit.net>
X-Sender: jkerns@pop.usit.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>

Subject: Re: [APRSSIG:7039] Re: Bob WD6DOD

Bob how do you reset TNC am I dumb???

Jim Kerns

N4PUQ

jkerns@usit.net

Oliver Springs, Tn.

(just outside Oak Ridge where everyone glows in the dark!!)

From sparkfel@primenet.com Sat Dec 07 20:25:59 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA19167 for <aprssig@tapr.org>; Sat, 7 Dec 1996 20:25:57 -0600 (CST)

Received: from ip-20-187.phx.primenet.com (ip-20-187.phx.primenet.com [206.165.20.187]) by primenet.com (8.8.3/8.8.3) with SMTP id TAA22905; Sat, 7 Dec 1996 19:25:48 -0700 (MST)

Date: Sat, 7 Dec 1996 19:25:48 -0700 (MST)

Message-Id: <1.5.4.16.19961207192550.2fe7b336@mailhost.primenet.com>

X-Sender: sparkfel@mailhost.primenet.com

X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org, aprssig@tapr.org

From: Mark Fellhauer <sparkfel@primenet.com>

Subject: Re: KPC3 - Tripmate

At 06:58 PM 12/6/96 -0600, Demos Doulou wrote:

>Has anyone sucesfully interfaced the Tripmate with a KPC3?

>

It <<SHOULD>> work great. The KPC-3 will interface to most NMEA standard GPS units unbuffered. My KPC-3 works fine (with a Magellan Trailblazer XL) just by attaching the NMEA data out (NMEA +) to pin 2 and the NMEA Ground to pin 7 of the KPC-3's serial connector. Of course the Tripmate requires a data input also, this goes to pin 3 on the serial connector. The KPC-3 can then send the proper initiation string to the Tripmate.

WARNING: The KPC-3 provides RS-232 voltage levels. I don't know if the Tripmate GPS can handle that voltage.

Has anyone out there tried it? I assume the Tripmate is robust enough to handle it.

Mark KC7BXS

From ddoulou@gte.net Sat Dec 07 20:35:35 1996

Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA19608 for <aprssig@tapr.org>; Sat, 7 Dec 1996 20:35:34 -0600 (CST)

Received: from maximus (clw231001.gte.net [207.115.231.1]) by smtp.gte.net (SMI-8.6/) via SMTP id UAA25642 for <aprssig@tapr.org>; Sat, 7 Dec 1996 20:35:31 -0600

Message-ID: <32AA295C.5E5@gte.net>
Date: Sat, 07 Dec 1996 21:35:08 -0500
From: Demos Doulou <ddoulou@gte.net>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7045] Re: Tripmate first impressions
References: <32A9F3E6.7708@y100.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Humphrey wrote:

>
> Steve Dimse wrote:
>
> > In summary, a great GPS for peanuts.
> >
>

> The big question:
> Has anyone taken the Tripmate in an aircraft yet, and does it have an
> upper speed limit like the Garmin 45? Any comments on the accuracy of
> the altitude reading?
>
>

I took a test drive with the Tripmate this weekend. Excellent unit!!
Sitting on the dash of my truck I had a lock on 5 or more sats for 80%
of the time and only lost lock for a couple of minutes during a four
hour drive.

Altitude readings were +/- 400 ft most of the time and I am at sea
level. This is the same altitude errors that my Garmin 45 gave me.

Overall a great unit. I will most likely be buying a couple of more.

73

Demos KR4US
Pinellas County Races Radio Officer
ddoulou@amsat.org

From rwf@mindspring.com Sat Dec 07 21:30:18 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA21695 for <aprssig@tapr.org>; Sat, 7
Dec 1996 21:30:17 -0600 (CST)
Received: from ms137746.mindspring.com (borg.mindspring.com [204.180.128.14]) by
mule0.mindspring.com (8.8.2/8.7.3) with SMTP id DAA36466 for <aprssig@tapr.org>;
Sun, 8 Dec 1996 03:30:15 GMT
Message-Id: <3.0.32.19961207214746.0068a760@mindspring.com>
X-Sender: rwf@mindspring.com (Unverified)
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sat, 07 Dec 1996 22:02:28 -0500

To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:7029] RE:Tripmate GPS unit
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bill-

At 07:56 PM 12/6/96 -0600, you wrote:

<SNIP>

>Okay now for the interface. As I see it...
>Tripmate- Pin #3 goes to PacComm Pin #5 (tx to receive audio)
>PacComm-- Pin #1 goes to Tripmate Pin #2 (mic audio to rx)
>Tripmate Pin #5 goes to PacComm Pin #6 (ground to ground)

GPSs output serial data. Why are you connecting Serial NMEA GPS data to the audio inputs/outputs of the TNC? Should go to the RS232 port instead.

<SNIP>

>mycall callsign-9
>btext "AnyHAM's Mobile Tracker"
>location every 1
>beacon every 60
>unproto aprs via wide,wide

I think that LOC may only be a Pico command. You are telling the Pico to begin to transmit your position EVERY 10 SECONDS (or is it 6 seconds- I forgot) if it doesn't get a position request via HSP from an attached APRS program. If you are standalone, you'll be transmitting so often that no one else will get a packet in edgewise.

And beaconing a tracker every 10 seconds in any network is sure not gonna make you very popular!

A path of RELAY,WIDE may work better for your tracker, especailly if your DIGI is a WIDE-RELAY. That way, a home station can still digi you too. Many times, the WIDE will not hear you, but a home station may.

Ralph, N4NEQ
rwf@mindspring.com

From kheyboer@pinegov.co.pinellas.fl.us Sat Dec 07 22:22:08 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA23940; Sat, 7 Dec 1996 22:22:04 -0600 (CST)

Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4)
id SAA02425; Sat, 7 Dec 1996 18:21:20 -0500
Message-ID: <32AA42D4.46EC@co.pinellas.fl.us>
Date: Sat, 07 Dec 1996 23:23:49 -0500
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Reply-To: kheyboer@pinegov.co.pinellas.fl.us
Organization: Pinellllas SKYWARN Coordinator
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: aprs-fl@tapr.org
Subject: SANTA flight cancelled
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My apologies to all but anyone watching for SANTA to fly aboard N53SD
ASTAR helicopter was sadly dissapointed. The flight was cancelled due
to an incoming weather front causing a ceiling at or below 1000 feet.

Additionally, due to a minor mechanical function, the ASTAR helicopter
N53SD was replaced by the Bell Jet Ranger N1SD...with no prior planning
on tracker installation so we never got any signals from the tracking
unit.

Maybe next year.....

--

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From wa4ikq@nevets.oau.org Sun Dec 08 00:53:13 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA05301; Sun, 8 Dec 1996 00:53:11 -0600
(CST)
Received: by osceola.cs.ucf.edu (SMI-8.6/SMI-SVR4)
id BAA10451; Sun, 8 Dec 1996 01:53:26 -0500
Received: by alfred.oau.org (Smail-3.2 1996-Jul-4 #1)
id <m0vWcVv-0002bJC@alfred.oau.org>; Sun, 8 Dec 1996 01:14:59 -0500 (EST)
Received: by nevets.oau.org (Smail3.1.29.1 #2)
id m0vWcSs-000QdhC; Sun, 8 Dec 96 01:11 EST
Message-Id: <m0vWcSs-000QdhC@nevets.oau.org>
Date: Sun, 8 Dec 96 01:11 EST
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprs-fl@tapr.org
Subject: 1997 Orlando HamCation & Computer Show
Cc: aprssig@tapr.org
Content-Type: text

Reserve on your Calendar, February 15 & 16, 1997, for the finest hamfest

in the Southeast: 1997 Orlando HamCation and Computer Show

It has been many months in planning, and I actually feel we have outdone ourselves. Our planned Forums will be the best ever, as were fortunate to have so many excellent volunteers, a star-studded line-up to help make it possible. To begin with, our APRS short forums will be from the experts. Bob Bruninga, WB4APR, will be traveling here from Glen Burnie, Maryland to present DosAPRS. Keith Sproul, WU2Z, and Mark Sproul, KB2ICI, will be joining with us to present MacAPRS and WinAPRS. Steve Demise, K4HG, has also promised to come and give us a talk on the Internet version, JavaAPRS. There will be an APRS Demo Booth in the Commercial area, where attendees can meet with the experts and obtain instant registrations. Clustered in the same area will be the Peet Bros Co. booth displaying home Weather Stations, Joe Agrelo in person to answer questions about his DFjr and other new products, along with Dr. Will Clement, manufacturer of MIM Modules. This is only the beginning. We have invited a famous NASA Female Astronaut to speak on Saturday. Our DX at its best will be the Kermadecs DX Adventure ZL8RU by Al Hernandez, WA3YVN, a dangerous Polynesian voyage to the South Pacific to a remote volcanic island. Emmett Henry, will give a down to earth type presentation on the Internet and the World Wide Web. Dust off that scanner in your closet. Bob Grove, publisher of Satellite Times and Monitoring Times will be giving a talk or two on Shortwave Listening. If time permits, he will tell you Who is Where in the Spectrum. Dr. Leslie Kramer, WA3SGZ, "Professor", of newly-formed LMARS Ham Radio University will be leading a Homebrew Ham Radio VHF SWR Meter construction on Sunday and participants will get to take one home. We have an Antenna Workshop forum demonstration of adding elements to Quad and Yagi Antennas - How many is enough? We will add them till we see diminishing returns. Weather Fax Image Downloads over the radio using homemade Loop Yagi and Quadrifillar Antennas will be demonstrated by Jesse Johnson, KB4IVO. Grounding for Lightning, How to Do it Right, will be presented by the wireman, Press Jones. At the Radio Evaluation Booth, a Tektronix Communication Test Set, tracable to the National Bureau of Standards, will scope your radio for output into a precision load, measure frequency, depth of modulation, receiver sensitivity and signal to noise ratio in one minute. We will not tune it or fix it, but will tell you enough about your radio that you will know if it is still at original company specs. If that is not enough, our Ladies Programs in the Social Hall will have an interesting set of forums on Saturday morning and afternoon to keep your Spouse occupied.

Taking place on February 14, 15, and 16, 1997, at the Central Florida Fairgrounds, 4603 West Colonial Drive, Orlando, Florida, it will begin on Friday from 5pm to 9pm in the swap table area and end on Sunday at 4pm.

We have planned 150+ Commercial Exhibits, over 500 swap tables, and the largest tailgate area in Florida. There will be hourly prizes given, and testing on Saturday and Sunday, and QSL Card Verification. RV Overnight parking with Electric & Water is available.

A Fox Hunt is planned, with a very nice prize for the winner. Contact me for further details.

We just began mailing out our flyers on this event. If you do not get

one in a week, send me an email message, or check out our Homepage:

<http://www.cycat.com/users/oarc/hamcat.htm>

I hope to see you there!

Geoffrey Dick, WA4IKQ
Forums Chairman,
Orlando HamCation and Computer Show
wa4ikq@nevets.oau.org

From sdimse@bridge.net Sun Dec 08 07:38:32 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA14820; Sun, 8 Dec 1996 07:38:30 -0600
(CST)
Received: from [207.16.5.59] (ppp-mia1-59.bridge.net [207.16.5.59]) by
newworld.bridge.net (8.8.3/8.8.3) with SMTP id IAA27185; Sun, 8 Dec 1996 08:38:26
-0500 (EST)
Message-Id: <199612081338.IAA27185@newworld.bridge.net>
Subject: Re: [APRS-FL:726] 1997 Orlando HamCation & Computer Show
Date: Sun, 8 Dec 96 08:38:20 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprs-fl@tapr.org>, <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>To begin with, our APRS short forums will be from the experts.
>Bob Bruninga, WB4APR, will be traveling here from Glen Burnie, Maryland to
>present DosAPRS. Keith Sproul, WU2Z, and Mark Sproul, KB2ICI, will be
>joining with us to present MacAPRS and WinAPRS. Steve Demise, K4HG, has
>also promised to come and give us a talk on the Internet version, JavaAPRS.

ARRRG...That's Dimse, not Demise...In residency they called me Dr.
Demise...but that's another story...

Also, it's javAPRS instead of JavaAPRS...a guy gets pretty touchy about
the name of his baby...and Bob prefers APRSdos.

No matter what you call it, I'm sure looking forward to this!

Steve K4HG

From jvoisin@nebula.ispace.com Sun Dec 08 09:02:16 1996
Received: from nebula.ispace.com (root@nebula.ispace.com [207.204.40.7]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA16988 for <aprssig@tapr.org>; Sun, 8
Dec 1996 09:02:15 -0600 (CST)
Received: from quasar.ispace.com (orl-107.ispace.com [207.204.40.107]) by
nebula.ispace.com (8.6.11/8.6.9) with ESMTP id KAA13841 for <aprssig@tapr.org>;
Sun, 8 Dec 1996 10:02:03 -0500
Message-Id: <199612081502.KAA13841@nebula.ispace.com>

From: "Jacques C. VOISIN" <jvoisin@nebula.ispace.com>
To: <aprssig@tapr.org>
Subject: APRS Manual
Date: Sun, 8 Dec 1996 10:02:19 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I am actually working on a printed manual for APRS. This manual is actually 120 pages with table of content, schematics, drawings and an index for any subject you need to find. The manual was made using the readme files supplied by Bob, WB4APR and should be available by the end of December. Will have copies at HAMCATION 97, the Orlando hamfest. The cost will be around \$15.00 plus shipping and handling. If you are interested send E-Mail to sender directly.

Jacques Voisin, KD4TWB

From wa4ikq@nevets.oau.org Sun Dec 08 11:53:45 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA22215; Sun, 8 Dec 1996 11:53:43 -0600 (CST)
Received: by osceola.cs.ucf.edu (SMI-8.6/SMI-SVR4)
id MAA12724; Sun, 8 Dec 1996 12:53:38 -0500
Received: by alfred.oau.org (Smail-3.2 1996-Jul-4 #1)
id <m0vWn7h-0002auC@alfred.oau.org>; Sun, 8 Dec 1996 12:34:41 -0500 (EST)
Received: by nevets.oau.org (Smail3.1.29.1 #2)
id m0vWn7A-000QdhC; Sun, 8 Dec 96 12:34 EST
Message-Id: <m0vWn7A-000QdhC@nevets.oau.org>
Date: Sun, 8 Dec 96 12:34 EST
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprs-fl@tapr.org, aprssig@tapr.org, sdimse@bridge.net
Subject: SPELLING TEST & READING COMPREHENSION
Cc: kd4jqr@aol.com, stevez@cycat.com
Content-Type: text

On Sunday, 8 Dec 1996 07:41:36 -0600 (CST) Steve Dimse wrote:
> Subject: [APRSSIG:7053] Re: [APRS-FL:726]
1997 Orlando HamCation & Computer Show

The following was a reading comprehension and spelling test:

> >To begin with, our APRS short forums will be from the experts.
> >Bob Bruninga, WB4APR, will be traveling here from Glen Burnie, Maryland to
> >present DosAPRS. Keith Sproul, WU2Z, and Mark Sproul, KB2ICI, will be
> >joining with us to present MacAPRS and WinAPRS. Steve Demise, K4HG, has
> >also promised to come and give us a talk on the Internet version, JavaAPRS.
>
> ARRRG...That's Dimse, not Demise...In residency they called me Dr.
> Demise...but that's another story...

I didn't hear that story yet; now we all know. -) Don't worry, you were the only person to notice it and write about it. Now we all know. hi hi

Nobody, but us, noticed the big misspelling of Bob's name in the ad that appeared in the AES Catalog a month ago.

> Also, it's javAPRS instead of JavaAPRS...a guy gets pretty touchy about
> the name of his baby...and Bob prefers APRSdos.

Blame it on the Sproul Brothers. They have chosen a pattern of naming their program in a most understandable way, I simply followed suit and was caught up in the trap at 1am in the morning when everything was quiet in our household. I should have known better to not to write this after spending Saturday with our club applying labels to 36,000 flyers.

> No matter what you call it, I'm sure looking forward to this!
>
> Steve K4HG

I am glad to hear this. For us the work is just beginning, and we have more flyers to distribute.

Geoffrey Dick, WA4IKQ
Forums Chairman,
1997 Orlando HamCation and Computer Show
wa4ikq@nevets.oau.org

From bruninga@nadn.navy.mil Sun Dec 08 11:54:21 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA22252 for <aprssig@tapr.org>; Sun, 8 Dec 1996 11:54:20 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA08779 for <aprssig@tapr.org>; Sun, 8 Dec 1996 12:53:17 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 8 Dec 1996 12:53:17 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Resetting TNC
In-Reply-To: <199612080021.TAA04995@smtest.usit.net>
Message-ID: <Pine.GS0.3.95.961208125150.8743A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Dec 1996, James Kerns wrote:

> Bob how do you reset TNC am I dumb???

APRSdos REPLY/COMMENT: Most have the command RESET or RESTORE or something similar. RESET is like a new POWER on, RESTORE re-configures the TNC to factory defaults. Also removing the internal backup battery

will work too.

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From wd5ivd@tapr.org Sun Dec 08 13:43:41 1996

Received: from [208.134.134.42] ([208.134.134.42]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA26303; Sun, 8 Dec 1996 13:43:39 -0600 (CST)

Message-Id: <v03007803aed0c2ddecd6@[208.134.134.42]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 8 Dec 1996 13:15:41 -0600

To: "APRS SIG list mailing" <aprssig@tapr.org>,
"TAPR-BB list mailing" <tapr-bb@tapr.org>

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>

Subject: Update on GPS-20 Purchase

For those on the current TAPR GPS-20 group purchase.

TAPR currently has 50 units on order. 75 are required to place the order for 100 units with Garmin.

Full details:

<http://www.tapr.org/gps/index.html>

Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000

e-mail: TAPR@TAPR.ORG ftp: <ftp://ftp.tapr.org> web: <http://www.tapr.org/tapr>

Greg Jones, WD5IVD

Austin, Texas

wd5ivd@tapr.org

<http://www.tapr.org/~wd5ivd>

From bottmgun@emi.net Sun Dec 08 13:56:20 1996

Received: from florence.emi.net (root@florence.emi.net [204.181.45.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA26874 for <aprssig@tapr.org>; Sun, 8 Dec 1996 13:56:18 -0600 (CST)

Received: from bottmgun.emi.net (csfl016.emi.net [208.2.80.238]) by florence.emi.net (8.6.10/8.6.10) with ESMTP id QAA20376 for <aprssig@tapr.org>; Sun, 8 Dec 1996 16:03:43 -0500

Message-Id: <199612082103.QAA20376@florence.emi.net>

From: "Jay K. Jeffries" <bottmgun@emi.net>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:7054] APRS Manual
Date: Sun, 8 Dec 1996 14:56:14 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Jacques,
I am interested in a copy of the manual, please let me know the final cost. Thank you.

Respectfully,
Jay K. Jeffries
Technology Evangelist

"Heavier-than-air flying machines are impossible"
-- Lord Kelvin, president Royal Society, 1895

> From: Jacques C. VOISIN <jvoisin@nebula.ispace.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7054] APRS Manual
> Date: Sunday, December 08, 1996 10:06 AM
>
> I am actually working on a printed manual for APRS. This manual is actually
> 120 pages with table of content, schematics, drawings and an index for any
> subject you need to find. The manual was made using the readme files
> supplied by Bob, WB4APR and should be available by the end of December.
> Will have copies at HAMCATION 97, the Orlando hamfest. The cost will be
> around \$15.00 plus shipping and handling. If you are interested send E-Mail
> to sender directly.
> Jacques Voisin, KD4TWB

From n2iph@cyberenet.net Sun Dec 08 14:27:44 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA28131 for <aprssig@tapr.org>; Sun, 8 Dec 1996 14:27:43 -0600 (CST)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp (Smail3.1.29.1 #7) id m0vWpp5-00000UC; Sun, 8 Dec 96 15:27 EST
Received: from n2iph.ppp.cyberenet.net.cyberenet.net by ux1.cyberenet.net with smtp (Smail3.1.29.1 #8) id m0vWpp2-0006FCC; Sun, 8 Dec 96 15:27 EST
Message-ID: <32AB2470.3F5A@cyberenet.net>
Date: Sun, 08 Dec 1996 15:26:24 -0500
From: Bob Derderian <n2iph@cyberenet.net>

Reply-To: n2iph@cyberenet.net
Organization: Virtual Construction Co.
X-Mailer: Mozilla 3.01Gold (Win95; I)
MIME-Version: 1.0
To: APRS discussion group <aprssig@tapr.org>
Subject: read the not-so-fine print!!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> around \$15.00 plus shipping and handling. If you are interested
send E-Mail
> to sender directly.
> Jacques Voisin, KD4TWB

Notice how it says to e-mail DIRECTLY ? That doesn't mean directly to
the SIG, it means DIRECTLY to the originator of the msg, so the rest of
us do not have to wade through mountains of mail meant for one person.

Hopefully the balance of the responders will not make the same error.

climbing down off my soapbox now...73

Bob, n2iph@cyberenet.net

From schiers@ames.net Sun Dec 08 14:46:26 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA29200 for <aprssig@tapr.org>; Sun, 8 Dec 1996
14:46:25 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (smtp.nevia.net [206.29.127.242]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id OAA00395 for <aprssig@tapr.org>; Sun, 8 Dec 1996
14:45:02 -0600
Message-Id: <199612082045.OAA00395@brain.ames.net>
Date: Sun, 08 Dec 96 14:45:31 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7056] Resetting TNC
In-Reply-To: <Pine.GS0.3.95.961208125150.8743A-1000000@arctic>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <Pine.GS0.3.95.961208125150.8743A-1000000@arctic>, on 12/08/96 at 12:04
PM,

Bob Bruninga <bruninga@nadn.navy.mil> said:

>APRSdos REPLY/COMMENT: Most have the command RESET or RESTORE or
>something similar. RESET is like a new POWER on, RESTORE re-configures
>the TNC to factory defaults. Also removing the internal backup battery
>will work too.

There is also the RESTART command, which will restart the tnc with current
set (but not yet in force) values as defaults.

hasan schiers, NOAN

schiers@ames.net

From ldajz@epix.net Sun Dec 08 15:16:23 1996
Received: from epix.net (grape.epix.net [199.224.64.22]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA00754 for <aprssig@tapr.org>; Sun, 8 Dec 1996
15:16:22 -0600 (CST)
Received: from clsm-65ppp175.epix.net (clsm-65ppp175.epix.net [199.224.65.175]) by
epix.net (8.7.6/8.7.5) with SMTP id QAA16917 for <aprssig@tapr.org>; Sun, 8 Dec
1996 16:14:45 -0500 (EST)
Message-ID: <32ABA04B.4EE4@epix.net>
Date: Sun, 08 Dec 1996 21:14:51 -0800
From: Al Zelna <ldajz@epix.net>
Reply-To: ldajz@epix.net
Organization: UNRS (Uhhh, not real sure)
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: 100k maps from USGS ftp
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It may have been mentioned here before, but can the 100k map info
available from <ftp://edcftp.cr.usgs.gov/PUB/DATA/DLG> be used for
generating APRS maps? (I realize the 2,000,000:1 files are usable for
32 mile maps).

Any limitations in trying to use this "free" method before I Santa for
the CD-ROM????

73 de N3KAE

From ldajz@epix.net Sun Dec 08 15:38:38 1996
Received: from epix.net (grape.epix.net [199.224.64.22]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA01786 for <aprssig@tapr.org>; Sun, 8 Dec 1996
15:38:36 -0600 (CST)
Received: from clsm-65ppp175.epix.net (clsm-65ppp175.epix.net [199.224.65.175]) by
epix.net (8.7.6/8.7.5) with SMTP id QAA27631 for <aprssig@tapr.org>; Sun, 8 Dec
1996 16:37:00 -0500 (EST)
Message-ID: <32ABA580.28ED@epix.net>
Date: Sun, 08 Dec 1996 21:37:04 -0800
From: "Al Zelna, N3KAE" <ldajz@epix.net>
Reply-To: ldajz@epix.net
Organization: UNRS (Uhhh, not real sure)
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: (Revised) 100k maps from USGS ftp
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry... I had the wrong HTML for the USGS in the previous message

It may have been mentioned here before, but can the 100k map info available from <ftp://edcftp.cr.usgs.gov/pub/data/DLG/100K> be used for generating APRS maps? (I realize the 2,000,000:1 files are usable for 32 mile maps).

Any limitations in trying to use this "free" method before I Santa for the CD-ROM????

73 de N3KAE

From bgrantha@orednet.org Sun Dec 08 16:56:19 1996
Received: from ednet1.orednet.org (ednet1.orednet.org [204.212.6.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA05245 for <aprssig@tapr.org>; Sun, 8 Dec 1996 16:56:17 -0600 (CST)
Received: by ednet1.orednet.org id AA20138
(5.67a8/IDA-1.5 for aprssig@tapr.org); Sun, 8 Dec 1996 14:55:05 -0800
Date: Sun, 8 Dec 1996 14:55:05 -0800
Message-Id: <199612082255.AA20138@ednet1.orednet.org>
From: bgrantha@orednet.org (bob g. grantham)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7054] APRS Manual
Reply-To: bgrantha@orednet.org

Please put me on your list for a manual.
Advise cost and shipping via e-mail.
thank you inadvance
Bob G.
bgrantha@orednet.org

--
Bob Grantham
In down-town Waldport, Or.

From jkozak@erols.com Sun Dec 08 17:29:38 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id RAA06428 for <aprssig@tapr.org>; Sun, 8 Dec 1996 17:29:36 -0600 (CST)
Received: from mother (wmn-as1s43.erols.com [205.177.156.43]) by smtp1.erols.com (8.7.5/8.7.3) with ESMTMP id SAA25187 for <aprssig@tapr.org>; Sun, 8 Dec 1996 18:29:28 -0500 (EST)
Message-Id: <199612082329.SAA25187@smtp1.erols.com>
From: "John Kozak" <jkozak@erols.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7033] Re: KPC3 - Tripmate
Date: Sun, 8 Dec 1996 18:29:25 -0500
X-MSMail-Priority: Normal
X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Demos Doulou <ddoulou@gte.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7033] Re: KPC3 - Tripmate
> Date: Friday, December 06, 1996 10:46 PM
>
> Well I did it. You need to install r48 in the KPC3 to force the DTR line
> high so the tripmate will turn on. Then set gpsint to ASTRAL. Connect
> the two with a NULL modem cable and your set. Now if I can just find
> out why the tripmate has stopped sending GGA strings.
>
> Demos KR4US
> ddoulou@amsat.org
>

The reason that you lost the GGA strings is that by just using ASTRAL as the init string, the GPS only sends the \$GPRMC and \$PRWIZCH strings.

I built an interface box this weekend that:

- 1) uses a 5 volt regulator to feed pin 9 (ran all weekend on just under 5 volts)
- 2) Switches 5 volts to pin 4 (this turns on the GPS)
- 3) Switches pins 2 & 3 together so GPS inits itself (this produces the above mentioned two string output).

I was going to install the regulator in the GPS but decided to keep the extra heat out of it. I also installed two blocking diodes from the batteries and the 5 volt supply so that the batteries will keep the unit powered up while I move it from one vehicle to another and then the 5 volt regulator takes over. I haven't hooked it to the KPC3 yet.

John Kozak; N3AGG
jkozak@erols.com

From wd5ivd@tapr.org Sun Dec 08 17:33:25 1996
Received: from [208.134.134.42] ([208.134.134.42]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA06715; Sun, 8 Dec 1996 17:33:23 -0600 (CST)
Message-Id: <v0300780daed0ff1f193f@[208.134.134.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 8 Dec 1996 17:39:11 -0600

To: "TAPR APRS SIG"<aprssig@tapr.org>,
"TAPR-BB list mailing"<tapr-bb@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: A few MIC-E Beta Spots Open

TAPR has room for a few additional beta-testers in the MIC-E beta test.

Submit an application using the MIC-E Beta Application, which can be found on:

<http://www.tapr.org/tapr/html/mic-e.html>

TAPR is only taking applications until Wed Dec 11th (5pm).

Anyone wanting to participate in these beta slots will have to pay with the TAPR office by Visa/Mc ***once notified of being accepted*** by Friday (Dec 13th).

Do not call the TAPR office about the Beta spots until notified.

We will send out messages to everyone who submits an application by Thursday.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000

e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: <http://www.tapr.org/tapr>

From gwells@nbn.net Sun Dec 08 17:36:31 1996
Received: from mail.nbn.net (root@nbn.net [199.234.116.15]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA06849 for <aprssig@tapr.org>; Sun, 8 Dec 1996
17:36:30 -0600 (CST)
Received: from default (access37.nbn.net [199.234.116.136]) by mail.nbn.net
(8.7.5/8.7.3) with ESMTP id SAA30661 for <aprssig@tapr.org>; Sun, 8 Dec 1996
18:36:27 -0500
Message-Id: <199612082336.SAA30661@mail.nbn.net>
From: "Gary Wells" <gwells@nbn.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7060] Re: Resetting TNC
Date: Sun, 8 Dec 1996 18:35:48 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: schiers@ames.net
> To: aprssig@tapr.org

> Subject: [APRSSIG:7060] Re: Resetting TNC
> Date: Sunday, December 08, 1996 15:51 PM
>
> In <Pine.GS0.3.95.961208125150.8743A-1000000@arctic>, on 12/08/96 at 12:04
> PM,
> Bob Bruninga <bruninga@nadm.navy.mil> said:
>
> >APRSDos REPLY/COMMENT: Most have the command RESET or RESTORE or
> >something similar. RESET is like a new POWER on, RESTORE re-configures
> >the TNC to factory defaults. Also removing the internal backup battery
> >will work too.
>
> There is also the RESTART command, which will restart the tnc with
current
> set (but not yet in force) values as defaults.
>
> hasan schiers, NOAN
> -----
> schiers@ames.net
>
My PK-232MBX hangs up so often that I installed a small switch on the
front, in series with the backup battery. It allows reset if all else
fails, without taking the cover off (with the main power off, of course).
When you turn it back on, you will need to type several *s to set the
auto-baud with the computer.
Gary Wells, N3HCP

From ku0g@sprynet.com Sun Dec 08 19:34:34 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA11840 for <aprssig@tapr.org>; Sun, 8 Dec 1996
19:34:32 -0600 (CST)
Received: from JIMDUNCA (ts2-p89.wwi.net [204.153.64.190]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id RAA29040; Sun, 8 Dec 1996 17:34:27 -0800
Date: Sun, 8 Dec 1996 17:34:27 -0800
Message-Id: <199612090134.RAA29040@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7065] A few MIC-E Beta Spots Open
Cc: kb0uzq@kcaprs.org

Greg....

Just a note about the status of things here in Kansas City. As you are
already aware, Bill Young, KB0UZQ, is dropping out of amateur radio for a
time and will not be participating in the beta test team here. He is also
the treasurer (having resigned) of the KCAWG and we are in the middle of
trying to get the money out of Bill's account and into ours at this time.

Nothing funny going on, so please don't read anything into this message!

Our Board of Directors has asked Bill to draw a money order for payment of the two remaining units which we are designated to receive (\$190.00). That payment is supposed to be mailed to Dorothy Monday morning. I will advise you of the status of the payment tomorrow by EMail.

My NDA went out in the mail earlier this week and should be in the TAPR office in the next couple of days barring an avalanche of Christmas cards and packages inundating Phoenix! <snicker>

I have not had any success with accessing the FTP site for MIC-E information. Would you send along the instruction for access once again?

Thanks and
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From rwf@mindspring.com Sun Dec 08 20:14:18 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA13328 for <aprssig@tapr.org>; Sun, 8 Dec 1996 20:14:17 -0600 (CST)
Received: from ms137746.mindspring.com (borg.mindspring.com [204.180.128.14]) by mule1.mindspring.com (8.8.2/8.7.3) with SMTP id CAA19544 for <aprssig@tapr.org>; Mon, 9 Dec 1996 02:14:14 GMT
Message-Id: <3.0.32.19961208211431.006ba33c@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 08 Dec 1996 21:14:35 -0500
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:7067] Re: A few MIC-E Beta Spots Open
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:40 PM 12/8/96 -0600, you wrote:

>Greg....

>

>Just a note about the status of things here in Kansas City.

Bill- While you are wtiting to Greg, why not prod him to PLEASE change the list to not default replies to itself. Then your message would not have gone to all of us.

; -) Ralph

From bruninga@nadn.navy.mil Mon Dec 09 01:21:05 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA01606 for <aprssig@tapr.org>; Mon, 9

Dec 1996 01:21:03 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA21090 for <aprssig@tapr.org>; Sun, 8 Dec 1996
23:21:32 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 8 Dec 1996 23:21:32 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Ol'e reliable trackers
Message-ID: <Pine.GS0.3.95.961208230914.20927A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

DURing the Army/Navy football run this year, the mids wanted to have HF, MARS, and UHF SATCOM in addition to APRS for the chase vehicle. What they overlooked is the amount of effort involved, hi hi.... I built an aluminum plate which matched the mounting holes of the glove box lid hinges and mounted ALL of the non-APRS radios to that. Just four screws and everything was installed with a single cable going to clip leads on the battery. Total installation time about 30 minutes with antennas....

The purpose of this note is to brag a little about my APRS bread pans. These are just upside down baking pans with the GPS, TNC, and radio all inside. We just duct tape them to the roof, tape a cable down the windshield to the battery and your on the air (as a stand-alone) or flip a switch and run a second cable through a window to a laptop and you have full APRS... The cable from the tracker to the computer also includes 12 volt power for the laptop, so there are no cigarette lighter cords.

Its not pretty, but its quick.. Just thought you'd be interested... hi hi

P.S these are the same ole' ones we used in 93. If I had to do it over, I would put 10-25 watt mobile rigs inside instead of 1 watt HT's... But I tstill think this is the best design for rapid reaction installations. Probably not the best for your ppersonal tracker, but a good idea for club and special event trackers...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From ku0g@sprynet.com Mon Dec 09 01:34:52 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id BAA02482 for <aprssig@tapr.org>; Mon, 9 Dec 1996
01:34:23 -0600 (CST)
Received: from JIMDUNCA (ts2-p89.wwi.net [204.153.64.190]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id TAA27635 for <aprssig@tapr.org>; Sun, 8 Dec 1996
19:49:31 -0800
Date: Sun, 8 Dec 1996 19:49:31 -0800
Message-Id: <199612090349.TAA27635@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7067] Re: A few MIC-E Beta Spots Open

Sorry about sending the personal to Greg via the SIG. I'm a little delirious tonight with the flu! SHAME ON ME!!!

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From eac@shore.net Mon Dec 09 02:59:42 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA05978 for <Aprssig@Tapr.Org>; Mon, 9 Dec 1996 02:59:40 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id VAA17992; Sun, 8 Dec 1996 21:24:04 -0500 (EST)
Received: from pm4-101 (pm4-101.lynnma.shore.net [204.167.109.101]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id VAA14784; Sun, 8 Dec 1996 21:24:02 -0500 (EST)
MIME-Version: 1.0
Date: Sun, 08 Dec 1996 21:33:23 -0400
To: jkozak@erols.com
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7064] Re: KPC3 - Tripmate
Message-Id: <850098803-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <850098803-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

>The reason that you lost the GGA strings is that by just using ASTRAL
>as the init string, the GPS only sends the \$GPRMC and \$PRWIZCH strings.

According to my NMEA logs the GPS will not send the GGA strings on a cold start (no init string) until it locks onto a satellite and gets a valid ephemeris.

73 Eric eac@shore.net

From eac@shore.net Mon Dec 09 02:59:46 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA05995 for <aprssig@Tapr.Org>; Mon, 9 Dec 1996 02:59:45 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id VAA19891; Sun, 8 Dec 1996 21:36:13

-0500 (EST)

Received: from pm4-101 (pm4-101.lynnma.shore.net [204.167.109.101]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id VAA17699; Sun, 8 Dec 1996 21:36:11

-0500 (EST)

MIME-Version: 1.0

Date: Sun, 08 Dec 1996 21:45:32 -0400

To: amsat-bb@amsat.org, Bitbucket@primenet.com, aprssig@tapr.org

From: "Eric A. Cottrell" <eac@shore.net>

Subject: Delorme Tripmate FAQ uploaded

Message-Id: <850099532-0-eac@shore.net>

X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes

Content-Type: text/plain; charset=ISO-8859-1

Content-Id: <850099532-1-eac@shore.net>

Content-Transfer-Encoding: 8bit

Hello,

I uploaded a FAQ file on the Delorme Tripmate to Peter Bennett's FTP site at:

<ftp://sundae.triumf.ca/pub/peter/index.html>

It is invisible in the incoming directory, but should be posted within a few days.

73 Eric eac@shore.net WB1HBU

From tomcmugs@n-link.com Mon Dec 09 05:05:37 1996

Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA09992 for <aprssig@tapr.org>; Mon, 9 Dec 1996 05:05:36 -0600 (CST)

Received: from tomcmugs (blackfoot60 [208.135.244.60]) by n-link.com (8.6.12/8.6.9) with SMTP id FAA26534 for <aprssig@tapr.org>; Mon, 9 Dec 1996 05:05:34 -0600

Message-ID: <32AC0F77.56BE@n-link.com>

Date: Mon, 09 Dec 1996 05:09:11 -0800

From: Tommie Taylor <tomcmugs@n-link.com>

Organization: A1 Kustom Mugs

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7070] Re: A few MIC-E Beta Spots Open

References: <199612090349.TAA27635@m1.sprynet.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Jim Duncan wrote:

>

> Sorry about sending the personal to Greg via the SIG. I'm a little
> delirious tonight with the flu! SHAME ON ME!!!

>

> 73 de Jim, KU0G

> Chairman/Coordinator

> Kansas City APRS Working Group

> EMail: ku0g@kcaprs.com

> EMail: ku0g@sprynet.com

Jim, Hope you get better.. I had it for 2 weeks and just now getting over it..

Tommy KC5UJH

--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113

WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)

<http://www.web2.com/cmugs/>

Internet: tomcmugs@n-link.com / tomcmugs@juno.com

Phone: (512) 556-4691 This is also a FAX Request line

From jkozak@erols.com Mon Dec 09 08:02:42 1996

Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA14338 for <aprssig@tapr.org>; Mon, 9 Dec 1996 08:02:40 -0600 (CST)

Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by smtp1.erols.com (8.7.5/8.7.3) with SMTP id JAA25665 for <aprssig@tapr.org>; Mon, 9 Dec 1996 09:02:38 -0500 (EST)

Date: Mon, 9 Dec 1996 09:02:38 -0500 (EST)

Message-Id: <199612091402.JAA25665@smtp1.erols.com>

X-Sender: jkozak@pop.erols.com

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: jkozak@erols.com (John W. Kozak)

Subject: Re: [APRSSIG:7071] Re: KPC3 - Tripmate

>>The reason that you lost the GGA strings is that by just using ASTRAL
>>as the init string, the GPS only sends the \$GPRMC and \$PRWIZCH strings.

>

>According to my NMEA logs the GPS will not send the GGA strings on a
>cold start (no init string) until it locks onto a satellite and gets a
>valid
>ephemeris.

>

>73 Eric eac@shore.net

I realized my mistake right after I sent that message. I had the GPS sitting on the windowsill and hadn't let it run long enough to lock on any birds. However I noticed that, when INIT'ed with the Tripmate.exe program, the GPS starts sending more than the two cold start strings back immediatly. Obviously that program is telling the GPS more then ASTRAL.

Anyway thanks for the info..

John Kozak: N3AGG

jkozak@erols.com

From ddoulou@gte.net Mon Dec 09 08:33:02 1996

Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id IAA15677 for <aprssig@tapr.org>; Mon, 9 Dec 1996 08:33:00 -0600 (CST)
Received: from maximus (clw231065.gte.net [207.115.231.65]) by smtp.gte.net (SMI-8.6/) via SMTP id IAA02091 for <aprssig@tapr.org>; Mon, 9 Dec 1996 08:32:54 -0600
Message-ID: <32AC22FA.1B2B@gte.net>
Date: Mon, 09 Dec 1996 09:32:26 -0500
From: Demos Doulou <ddoulou@gte.net>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7071] Re: KPC3 - Tripmate
References: <850098803-0-eac@shore.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Eric A. Cottrell wrote:

>
> >The reason that you lost the GGA strings is that by just using ASTRAL
> >as the init string, the GPS only sends the \$GPRMC and \$PRWIZCH strings.
>
> According to my NMEA logs the GPS will not send the GGA strings on a
> cold start (no init string) until it locks onto a satellite and gets a
> valid
> ephemeris.
>
> 73 Eric eac@shore.net

Yup, all I had to do was wait a few minutes and it started sending the GGA strings.

73
Demos KR4US
kr4us@amsat.org

From schiers@ames.net Mon Dec 09 08:53:01 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA16519 for <aprssig@tapr.org>; Mon, 9 Dec 1996 08:52:59 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (schiers.ames.net [206.29.126.237]) by brain.ames.net (8.6.12/8.6.9) with SMTP id IAA01719 for <aprssig@tapr.org>; Mon, 9 Dec 1996 08:51:35 -0600
Message-Id: <199612091451.IAA01719@brain.ames.net>
Date: Mon, 09 Dec 96 08:52:47 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7066] Re: Resetting TNC
In-Reply-To: <199612082336.SAA30661@mail.nbn.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612082336.SAA30661@mail.nbn.net>, on 12/08/96 at 05:46 PM,

"Gary Wells" <gwells@nbn.net> said:

>My PK-232MBX hangs up so often that I installed a small switch on the
>front, in series with the backup battery. It allows reset if all else
>fails, with out taking the cover off (with the main power off, of
>course). When you turn it back on, you will need to type several *s th
>set the auto-baud with the computer.

I have the very same thing installed in mine for the same reason. It just
disconnects the battery backup, so the 232 can get unhung.

hasan schiers, NOAN--

schiers@ames.net

From kinahan@cassatt.Mass-USR.COM Mon Dec 09 09:07:46 1996

Received: from cinna.ultra.net (cinna.ultra.net [199.232.56.8]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA17138 for <aprssig@tapr.org>; Mon, 9 Dec 1996
09:07:45 -0600 (CST)

Received: from cassatt (cassatt.mass-usr.com [146.115.120.199]) by cinna.ultra.net
(8.7.4/ult1.04) with SMTP id KAA08755 for <aprssig@tapr.org>; Mon, 9 Dec 1996
10:07:32 -0500 (EST)

Received: from Marconi.mass-usr.com by cassatt (5.x/SMI-SVR4)
id AA03152; Mon, 9 Dec 1996 10:07:22 -0500

Message-Id: <2.2.32.19961209150548.00c3f268@cassatt>

X-Sender: kinahan@cassatt

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 09 Dec 1996 10:05:48 -0500

To: aprssig@tapr.org

From: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>

Subject: W10N-3 Digi

I've contacted the Trustee of W10N, and he indicated that the situation
would improve shortly.

73,

Tom Kinahan N1CPE

Tom Kinahan Phone: 508-871-0305
US Robotics Fax: 508-870-1689
Massachusetts R&D Lab Email: kinahan@mass-usr.com
4 Technology Drive Amateur Radio: N1CPE
Westboro, Ma. 01581

From ko6xs@ko6xs.ampr.org Mon Dec 09 11:40:53 1996

Received: from ko6xs.ampr.org ([44.16.1.241]) by tapr.org (8.7.5/8.7.3/1.9) with

Received: from localhost (cbuttsch@localhost) by oso.slonet.org (8.7.6/8.7.3) with SMTP id KAA14583; Mon, 9 Dec 1996 10:22:33 -0800 (PST)
Date: Mon, 9 Dec 1996 10:22:32 -0800 (PST)
From: Clifford Buttschardt <cbuttsch@slonet.org>
To: schiers@ames.net
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7076] Re: Resetting TNC
In-Reply-To: <199612091451.IAA01719@brain.ames.net>
Message-ID: <Pine.GS0.3.95.961209101827.12128E-100000@oso.slonet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Interesting comment regarding the disconnect switch on the PK 232. In my case I used the switch formerly used to reverse mark/space on U011! Now that AEA seems unable to provide chips for APRS would you suggest what might be done to use the PK232 without the AEA provided chip? Of course on 10.151 MHz no mods are required but what can be done on VHF? Cliff Buttschardt K7RR
On Mon, 9 Dec 1996 schiers@ames.net wrote:

> In <199612082336.SAA30661@mail.nbn.net>, on 12/08/96 at 05:46 PM,
> "Gary Wells" <gwells@nbn.net> said:
>
> >My PK-232MBX hangs up so often that I installed a small switch on the
> >front, in series with the backup battery. It allows reset if all else
> >fails, with out taking the cover off (with the main power off, of
> >course). When you turn it back on, you will need to type several *s th
> >set the auto-baud with the computer.
>
> I have the very same thing installed in mine for the same reason. It just
> disconnects the battery backup, so the 232 can get unhung.
>
> hasan schiers, NOAN--
> -----
> schiers@ames.net
> -----
>
>

From bruninga@nadn.navy.mil Mon Dec 09 12:52:05 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA29044 for <aprssig@tapr.org>; Mon, 9 Dec 1996 12:52:03 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id NAA25266 for <aprssig@tapr.org>; Mon, 9 Dec 1996 13:50:57 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 9 Dec 1996 13:50:57 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Mic-E Repeater TNC for muting
Message-ID: <Pine.GS0.3.95.961209132947.7202D-100000@arctic>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Remember last week that the guys in Charlottesville, VA discovered that the internal software DCD of the KPC-3 cannot be used for repeater muting at the same time as the external XCD signal for CSMA on the digital channel.

This means you can have packet MUTING on the voice repeater (using software CD) *OR* CSMA collision avoidance on the APRS packet channel using the XCD signal....

BUT NOT BOTH AT THE SAME TIME..

Even if Kantronics had allowed the XCD and software CD to both be active, this wont work either because you would be MUTING voice syllables whenever there were ANY packets on the APRS channel!!

This makes the standard PacComm Tiny-2 TNC with the add on True-DCD state machine still the best solution. There are 2 reasons for this:

- 1) both the True DCD and radio-squelch external input are active at the same time..
- 2) the output of the True-DCD circuit is INDEPENDENTLY available for voice rpeeter muting independent of what is going on via the radio-squelch circuit on the APRS packet channel.

I assume that a series diode may be needed to provide this muting output independent of the squelch external input. Can someone who has the experience with these state machine true DCD circuits publish the details needed to accomplish this objective.. I have never seen one...

P.S. YOu have heard me say that the muting is not so important... well, after listening to 12 hours of the Mic-E being used for the Army/Navy football run, I agree, it gets tiring! Of course, this was worst case scenario since we had the path set to RELAY,WIDE,WIDE whcih DOUBLED the length of the packets... Also the deviation was too high.. which further added to the insult..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Dec 09 13:42:39 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA03912 for <aprssig@tapr.org>; Mon, 9 Dec 1996 13:42:36 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id OAA05068 for <aprssig@tapr.org>; Mon, 9 Dec 1996 14:41:31 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 9 Dec 1996 14:41:30 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Mic-E scanner method
Message-ID: <Pine.GS0.3.95.961209143347.27855A-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

When you get your Mic-E and want to be tracked by everyone immediately, even before any of your local repeaters install TNC digipeaters, you have 2 choices:

- 1) simply dial in 145.79 occasionally and kerchunk your Mic whenever you want to report your position.
- 2) Put a TNC at your house listening to the voice repeater output and digipeating over to 145.79.

Actually, you can extend this to a scanner, scanning several of your favorite repeaters. If it hears your packet on any of the repeaters, then it will digipeat over to 145.79.. The only disadvantage is if all of the repeaters stay kinda busy, then the scanner maybe on the wrong freq at the wrong time... But it will work nicely for relatively quiet repeaters.

Just a thought...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From donp@jerryc.tyrell.net Mon Dec 09 14:03:01 1996
Received: from jerryc.tyrell.net ([204.248.154.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA04649 for <aprssig@tapr.org>; Mon, 9 Dec 1996 14:02:57 -0600 (CST)
Received: (from donp@localhost) by jerryc.tyrell.net (8.7.4/8.7.3) id OAA27747; Mon, 9 Dec 1996 14:03:31 -0600
Date: Mon, 9 Dec 1996 14:03:28 -0600 (CST)
From: Don Pfister KA0JLF <donp@jerryc.tyrell.net>
To: tapr aprssig <aprssig@tapr.org>
Subject: NMEA/GPS questions...
Message-ID: <Pine.LNX.3.91.961209135405.27687A-1000000@jerryc>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I see the NMEA GPS lat/long is in ddmm.mmmmm format. Are these truly decimal minutes? Would .0001 be .0001 of a minute?

Does this sound right? From the refernces I have found, it says one degree is made up of 60 minutes. One minute is made of 60 seconds. It says one second at the equator is 1 nautical/geographic mile. One nautical mile is 6080 feet. So $60 \times 6080 = 364800$ feet (at the equator - long. I think). Now $.0001 \times 364800 = 36.84$ feet. Am I on the right track? If so what do you do when you move away from the equator? What about Lat.?

Wouldn't that mean that APRS uses .01 as the smallest amount of

[illegible]

Hello Jon. I'm running the same AEA APRS cable, TNC & GPS-45 and I have no problems with them. I also use the APRS cable on my KAM+.. again no problems. Suggest you check the cable/software for trouble.

From wd5ivd@tapr.org Mon Dec 09 14:55:15 1996
Received: from [208.134.134.42] ([208.134.134.42]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id OAA07475 for <aprssig@tapr.org>; Mon, 9 Dec 1996 14:55:13 -0600
(CST)
Message-Id: <v03007820aed22da5785f@[208.134.134.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 9 Dec 1996 15:00:58 -0600
To: "APRS SIG list mailing"<aprssig@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: MIC-E Applications

Thus, we had a number of forms sent, but mangled by my code.

wb8cxo@aol.com
d.lees@ftel.co.uk
mark.endicott@nashville.com
ke4hor@one.net

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
<http://www.tapr.org/~wd5ivd>

From alan@watsun.cc.columbia.edu Mon Dec 09 16:27:20 1996
Received: from manila.cc.columbia.edu (manila.cc.columbia.edu [128.59.39.200]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA11978 for <aprssig@tapr.org>; Mon, 9
Dec 1996 16:27:18 -0600 (CST)
Received: (from alan@localhost) by manila.cc.columbia.edu (8.8.3/8.8.3) id
RAA15652 for aprssig@tapr.org; Mon, 9 Dec 1996 17:27:17 -0500 (EST)
Date: Mon, 9 Dec 96 17:27:16 EST
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7081] APRSSIG digest 796
In-Reply-To: Your message of Mon, 9 Dec 1996 13:04:36 -0600 (CST)
Message-ID: <CMM.0.90.4.850170436.alan@manila.cc.columbia.edu>

Bob, who has now had to listen to his packets for a while:-), said:

>I assume that a series diode may be needed to provide this muting output
>independent of the squelch external input. Can someone who has the
>experience with these state machine true DCD circuits publish the details
>needed to accomplish this objective.. I have never seen one...

Following based on a TINY-2:

The "true DCD" modification kit from TAPR just sits in between the FSK
modem DCD output and the DCD input to the Z80. Basically, the TCM3105
claims to see DCD for any old reason (like overdriven audio or
1200/2200 Hz speech components). The DCD state machine uses that
as a starting point to look more closely at the signal and then
asserts it's DCD output based on real NRZI data being seen. You hook
it up by just sticking it in between the jumpers that choose between
internal DCD (TCM3105 output) and external RFDCD.

Note, following is from memory so I don't have the necessarily correct
jumper numbers listed:

So, before, for a vanilla TINY-2:

```
external RFDCD  -----* 1
                  2 *-----> DCD in to Z80 I guess...
TCM3105 DCD out -----* 3
```

Jumper 1&2 together for RFDCD. Or jumper 2&3 together for TCM3105
DCD.

After installing DCD state machine:

```
external RFDCD  -----* 1
true DCD out    +----*-----> DCD in to Z80 I guess...
TCM3105 DCD out -----* 3
                  |  |
```

```
| |
| +--->DCD state machine input
+-----<DCD asserted by state machine
... bunch of other places the state machine hooks
    to the TNC guts to actually look at the bit
    stream, obtain power, clock, etc.
```

NO jumper permitted anymore between 1&2 or 2&3. External RFDCD no longer an option without internal rewiring.

So, yeah, you need to make it so that the mute comes from the true DCD out with a diode before ORing in the RF DCD detect from the 145.79 receiver.

Since external DCD is no longer allowed, one might consider stealing it for the repeater mute line:-) I would recommend diode-protecting this for obvious reasons.

It would be truly nice to only cause packet transmit holdoff when 145.79 is busy. Currently, this one TNC killing two birds stuff means that holdoff happens more than it should -- when packets are being received from mobiles on the repeater as well as when packets are being heard on 145.79.

/a

From sdimse@bridge.net Mon Dec 09 16:43:24 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA13853 for <aprssig@tapr.org>; Mon, 9 Dec 1996 16:43:21 -0600 (CST)
Received: from [207.16.5.41] (ppp-mia1-41.bridge.net [207.16.5.41]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id RAA02461 for <aprssig@tapr.org>; Mon, 9 Dec 1996 17:43:07 -0500 (EST)
Message-Id: <199612092243.RAA02461@newworld.bridge.net>
Subject: Re: [APRSSIG:7083] NMEA/GPS questions...
Date: Mon, 9 Dec 96 17:43:02 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>From: Don Pfister KA0JLF, donp@jerrytyrell.net
>Reply-To: aprssig@tapr.org
>To: aprssig@tapr.org
>

>I see the NMEA GPS lat/long is in ddmm.mmmmm format. Are these truly
>decimal minutes? Would .0001 be .0001 of a minute?

>
Right so far

>Does this sound right? From the references I have found, it says one
>degree is made up of 60 minutes. One minute is made of 60 seconds. It

>says one second at the equator is 1 nautical/geographic mile. One nautical
>mile is 6080 feet. So $60 \times 6080 = 364800$ feet (at the equator - long. I
>think).

>

>Now $.0001 \times 364800 = 36.84$ feet. Am I on the right track? If so
>what do you do when you move away from the equator? What about Lat.?

>

Still OK, if I understand what you are trying to say. One second of
latitude is always a nautical mile. One second of longitude varies with
the latitude (roughly, this assumes the earth is a perfect sphere):

distance-of-longitude(in nautical miles) =
seconds-of-longitude*cos(latitude)

>Wouldn't that mean that APRS uses .01 as the smallest amount of
>procession, wouldn't that be 3648 feet? The 80 meter filter would be 264
>feet so, I must be wrong.

>

APRS protocol uses three decimal places, roughly 360 feet precision, max
error would be half that value. Conveniently close to the accuracy (not
the precision) of GPS. The filter (in javAPRS, and I guess in other APRS
programs) is applied to the GPS input data, which is the 4 decimal place
data you describe above.

So, any time a station sending its position with the APRS protocol (3
decimal places) changes at all it will be over the 80 meter limit (unless
in the extreme north/south and the change is only longitude). However, it
had to get its data from somewhere, namely a GPS, with it's 4 digit
precision, and that is where the filter is applied.

Of course, if the station is transmitting data from a stand-alone
tracker, then the filter is applied at the receiving station.

Hope this helps...I get confused too...

Steve K4HG

From mead@usc.edu Mon Dec 09 17:04:59 1996

Received: from skat.usc.edu (skat.usc.edu [128.125.253.131]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA15588 for <aprssig@tapr.org>; Mon, 9 Dec 1996
17:04:58 -0600 (CST)

Received: from sol.usc.edu (sol.usc.edu [128.125.253.141])

by skat.usc.edu (8.7.6/8.7.3/usc) with ESMTP

id PAA07720 for <aprssig@tapr.org>; Mon, 9 Dec 1996 15:04:52 -0800 (PST)

Received: from homepc.usc.edu (comserv-e-52.usc.edu [128.125.222.196])

by sol.usc.edu (8.7.6/8.7.3/usc) with SMTP

id PAA07210 for <aprssig@tapr.org>; Mon, 9 Dec 1996 15:04:51 -0800 (PST)

Message-ID: <32AC9B20.D15@usc.edu>

Date: Mon, 09 Dec 1996 15:05:04 -0800

From: Dick Mead <mead@usc.edu>

Reply-To: mead@usc.edu

Organization: University of Southern California

X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Some little Tripmate stats
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Trip attached to 6VDC power supply:

Current drain OFF = 0.13mA
Current drain ON = 98Ma (approx)

If the Tripmate is on and voltage is
reduced from 6 to 5VDC, current drain
INCREASES to 120mA (approx)

If you fire up Atlas4.0 and Tripmate, the
GPS is NOT powered off when you exit
the program. You will have to power down
the PC or unplug the Tripmate. I see no
mention of this in the docs...

FYI

Dick WB6NGC

From jim.person@juno.com Mon Dec 09 17:30:06 1996
Received: from x8.boston.juno.com (x8.boston.juno.com [205.231.101.24]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA16523 for <aprssig@tapr.org>; Mon, 9
Dec 1996 17:30:04 -0600 (CST)
From: jim.person@juno.com
Received: (from jim.person@juno.com) by x8.boston.juno.com (queuemail)
id S|L16838; Mon, 09 Dec 1996 18:26:01 EST
To: aprssig@tapr.org
Date: Mon, 9 Dec 1996 23:22:09 PST
Subject: Re: [APRSSIG:7083] NMEA/GPS questions...
Message-ID: <19961209.232210.9494.0.jim.person@juno.com>
References: <Pine.LNX.3.91.961209135405.27687A-1000000@jerryc>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-31,33-34,36-38,40,42,44,46-47,49,51-55

On Mon, 9 Dec 1996 14:05:41 -0600 (CST) Don Pfister KA0JLF
<donp@jerryc.tyrell.net> writes:
>I see the NMEA GPS lat/long is in ddmm.mmmm format. Are these truly
>decimal minutes? Would .0001 be .0001 of a minute?
>
>Does this sound right? From the refernces I have found, it says one
>degree is made up of 60 minutes. One minute is made of 60 seconds. It
>says one second at the equater is 1 nautical/geographic mile. One
>nautical
>mile is 6080 feet. So 60 x 6080 = 364800 feet (at the equator - long.
>I

>think). Now $.0001 \times 364800 = 36.84$ feet. Am I on the right track? If
>so
>what do you do when you move away from the equator? What about Lat.?
>
>Wouldn't that mean that APRS uses .01 as the smallest amount of
>proression, wouldn't that be 3648 feet? The 80 meter filter would be
>264
>feet so, I must be wrong.
>
>Can anyone help clear this up for me?
>
>Confused (must be another out of mind experience) ;^)
>
>73 de Don KA0JLF (not it's really not me but someone trying to make me
>
>look bad (duh) ;^)
>
>Thanks
>
Don etal
I think that you computed the number of feet in a degree and multiplied
by
.0001 rather than start out with a minute.
If you multiply the feet in a minute by .0001 you get .6 feet as an
answer;
 $6076 \times .0001$
This holds true for latitude or for distances on the face of the earth.
However longitude because of convergence towards the poles diminishes the

further north or south you go. The way to compute the distance of
longitude
at a given latitude is to multiply the length at the equator by the
Cosine of
the latitude. i.e. a minute (6076') at the equator times the cosign of
the
latitude for example 45 degrees (0.707107) would equal 4296.4 feet.
A easy quick reference is that one second (1/60 of a minute) of latitude
is
about 101.2 feet or at 45 degrees north or south $101.2 \times .7071 = 71.6$
feet.
I hopes this helps.

de Wd0GUX - Jim

From james-m@ix.netcom Mon Dec 09 17:38:00 1996
Received: from dfw-ix8.ix.netcom.com (dfw-ix8.ix.netcom.com [206.214.98.8]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA16943 for <aprssig@tapr.org>; Mon, 9
Dec 1996 17:37:58 -0600 (CST)
Received: from #james-m (sav-ga2-16.ix.netcom.com [205.184.8.80]) by dfw-
ix8.ix.netcom.com (8.6.13/8.6.12) with ESMTP id PAA08371 for <aprssig@tapr.org>;
Mon, 9 Dec 1996 15:37:26 -0800
Message-Id: <199612092337.PAA08371@dfw-ix8.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom>

To: <aprssig@tapr.org>
Subject: Help with HSP and U2000/KPC-3
Date: Mon, 9 Dec 1996 18:37:23 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks for reading this..

I am attempting to get my KPC3/U2000/AES HSP cable up and running. I am having a problem getting it all to work together. Here is what I am doing,
and I am open for any and all suggestions..

- 1) Have the AES HSP cable connected to the back of the Kpc-3, and have a cable running from the back of the AES HSP to my computer.
- 2) I removed the plug that came on the HSP cable and replaced it with a db9 connection to allow me to connect the U2000 to the HSP GPS connection. I am pulling the signal off of the grn and black wires from the U2000.
- 3) I load up APRS and set HSP on from the gps selection. I get a HSP timeout error from aprs with this setup..

I can go to the tnc terminal mode and toggle hsp F-8, and I get a string of characters mostly JJJJJJJJs scrolling accross the screen. Makes me think I have the baud rate set wrong, I have tried everything I can to set the baud rates correctly and have had no luck..

I have attempted to plug the HSP cable directly into the computer and then cable back to the TNC.. I get nothing when I then toggle HSP with the F-8 key form the tnc terminal.. This makes me thing their is something wrong with the signal power..

If anyone is using an AES hsp cable with a U2000, please let me know how they are doing it..

Again thanks for any and all help with this..

Don Murray
AE4BR

From ddoulou@gte.net Mon Dec 09 18:01:12 1996
Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA18662 for <aprssig@tapr.org>; Mon, 9 Dec 1996 18:01:10 -0600 (CST)
Received: from maximus (clw233029.gte.net [207.115.233.29]) by smtp.gte.net

(SMI-8.6/) via SMTP id SAA03850 for <aprssig@tapr.org>; Mon, 9 Dec 1996 18:01:08 -0600

Message-ID: <32ACA82B.3952@gte.net>
Date: Mon, 09 Dec 1996 19:00:43 -0500
From: Demos Doulou <ddoulou@gte.net>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7079] Re: KPC3 - Tripmate
References: <199612091806.NAA12385@northshore.shore.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Eric A. Cottrell wrote:

>
> Hello,
>
> SA 4.0 sends the time/date and last position to the unit after the ASTRAL.

Thanks For the info.

73

Demos KR4US
kr4us@amsat.org

From mead@usc.edu Mon Dec 09 18:37:34 1996
Received: from skat.usc.edu (skat.usc.edu [128.125.253.131]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA20234 for <aprssig@tapr.org>; Mon, 9 Dec 1996 18:37:33 -0600 (CST)
Received: from sol.usc.edu (sol.usc.edu [128.125.253.141])
by skat.usc.edu (8.7.6/8.7.3/usc) with ESMTP
id QAA17031 for <aprssig@tapr.org>; Mon, 9 Dec 1996 16:37:30 -0800 (PST)
Received: from homepc.usc.edu (comserv-e-61.usc.edu [128.125.222.205])
by sol.usc.edu (8.7.6/8.7.3/usc) with SMTP
id QAA09588 for <aprssig@tapr.org>; Mon, 9 Dec 1996 16:37:29 -0800 (PST)
Message-ID: <32ACB0D8.51FA@usc.edu>
Date: Mon, 09 Dec 1996 16:37:44 -0800
From: Dick Mead <mead@usc.edu>
Reply-To: mead@usc.edu
Organization: University of Southern California
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7088] Some little Tripmate stats
References: <32AC9B20.D15@usc.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dick Mead wrote:

> If you fire up Atlas4.0 and Tripmate, the
> GPS is NOT powered off when you exit

> the program. You will have to power down
> the PC or unplug the Tripmate. I see no
> mention of this in the docs...

This was on a Windows 3.1 laptop. Win95 may act differently.

Dick

From rwf@mindspring.com Mon Dec 09 19:37:22 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA23333 for <aprssig@tapr.org>; Mon, 9
Dec 1996 19:37:20 -0600 (CST)
From: rwf@mindspring.com
Received: from default (borg.mindspring.com [204.180.128.14]) by
mule1.mindspring.com (8.8.2/8.7.3) with SMTP id BAA15364 for <aprssig@tapr.org>;
Tue, 10 Dec 1996 01:37:18 GMT
Message-Id: <3.0.32.19961209203713.00763330@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Mon, 09 Dec 1996 20:37:28 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7090] Help with HSP and U2000/KPC-3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Don Murray-

You can't do HSP with a WX station. WX must have its own port on your PC.
HSP is for combining a GPS and a TNC into 1 RS232 port.
Sorry

At 05:42 PM 12/9/96 -0600, you wrote:

>Thanks for reading this..

>

> I am attempting to get my KPC3/U2000/AES HSP cable up and running. I am

> having a problem getting it all to work together. Here is what I am

>doing,

> and I am open for any and all suggestions..

From N2ZRC@gnn.com Mon Dec 09 19:40:24 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA23387 for <aprssig@tapr.org>; Mon, 9 Dec 1996
19:40:20 -0600 (CST)
Received: from 37-250.client.gnn.com. (34-18.client.gnn.com [205.188.34.18])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id UAA06844 for <aprssig@tapr.org>;
Mon, 9 Dec 1996 20:39:28 -0500 (EST)
Message-Id: <199612100139.UAA06844@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 09 Dec 1996 20:37:50

From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: APRS Articles

Hi Jaques,

Here are those articles. 73

The Automatic Position Reporting System
An Overview and Introduction
by Arte Booten N2ZRC

Many of you have heard discussions about a packet radio program called The Automatic Position Reporting System, (also called APRS.) It's a system which, unlike PBBS's, nodes and DX clusters, uses an unconnected protocol to transmit your exact position, a symbol denoting the type of station you're running and a brief comment about it. It also uses direct keyboard-to-keyboard "chatting," has direction-finding capabilities and much more.

How does it work? In a simplistic form you transmit a packet which contains your callsign, exact latitude and longitude, information on your transmitter's power, your antenna's height, gain and pattern as well as a brief comment of your choosing along with some symbols necessary to make the system work. With this information your station appears graphically on a map (actually, one in a series of many maps) on the monitor as would other stations that are on frequency. Since this is an UNCONNECTED protocol, on-air packets can be kept to a minimum.

Consider this: When you connect to a local station using standard AX.25, you send a connect request to that station, they acknowledge that packet, send you a connected packet which you must then acknowledge. The same thing happens with EVERY packet you, or the other station, sends. With APRS you only send ONE packet to convey your information. If it's not received on the first transmission, APRS retransmits it using a decaying time delay (that is, the second packet is sent twenty seconds after the first, the third forty seconds later, the fourth a minute later, the fifth two minutes later etc. until, after a day, you're only sending six packets a day!) This makes more efficient use of the frequency.

APRS uses four different kinds of digipeaters, which use the aliases RELAY, WIDE, ECHO and GATE. RELAY stations (the default setting) are base stations used to digipeat low-power portable and mobile stations. WIDE stations will digipeat packets

addressed either to their specific callsign or the generic WIDE to other VHF stations and WIDEs. An ECHO performs a similar function on HF and a GATE digipeats either from VHF to HF, HF to VHF or HF to HF. When setting up APRS for your location you'll set your digipeater path based on the situation at that QTH and where you want your information to go. When using APRSDos (and soon WinAPRS and MacAPRS) for keyboard-to-keyboard communications, which are the only comms in which *ACK*'s are used, you can also set alternate digipeater paths. Not only does this direct your message via the shortest possible route, but it also reduces QRM.

The program also interfaces with popular weather stations such as those made by Davis and Peet Brothers, thus allowing for real-time weather data which is available at the touch of a key. The potential for this during a SKYWARN situation is obvious. You'll get wind speed and direction, temperature, rainfall amounts by the hour and 24-hour period and, in some cases, barometric readings. Such weather data can also be entered manually if a station has the information but not the hardware.

There is also a Direction-Finding mode which can be used by stations with either a beam or omni antenna! When the "fox" transmits, stations can call, by voice (on another frequency!) or keyboard their beam headings and/or signal strength. Using the antenna gain figures for these stations, circles are drawn on the map. The "fox" will usually be located where these circles converge. If you have one of the many "doppler" antenna systems it can also be used.

If DX-ing is your thing, there's also a "DX-mode" which also uses the UI protocol by simply monitoring the DX cluster frequency. As new spots are posted, they appear on the map with their callsign. Their location is based on the callsign prefix of the spot. Obviously, since you're not connected to the cluster, this isn't meant as a replacement to your normal AX.25 program, and you can't SEND messages, you can receive them (the program will flag yours and display them when asked.) It's just another tool for your county- or country-hunting efforts.

If, like me, you have a Global Positioning System (GPS) receiver with NMEA-0183 output this, too, can be utilized with amazing results! Your mobile or portable position can be regularly updated. Using such a "stand-alone tracker" you don't

even
need a computer. All you'd need is an H-T, TNC and GPS! Think about the
possibil-
ities for such a setup in something like a marathon, walkathon or even for someone
shadowing an important official.

APRSDos was written to be able to run on just about any PC compatible
computer
from the latest Pentium Pro down to a lowly 8086. Heck, I know several people
that
use it with a Hewlett-Packard HP-200 palmtop! Maps are available from a large-
scale
map of the whole world to extremely detailed street-level maps. There's even a
mail-reflector about it to which you can subscribe. It's lots of fun, has many
potential ARES / RACES / SKYWARN uses and I'm sure you'll enjoy playing with it!

SOME REALLY SIMPLE BASIC INSTRUCTIONS ON GETTING APRS ON THE AIR NOW

If you don't use Windows, but have PKZIP204g, put the APRS disk into the
floppy drive of your choice (I'll call it drive A) then expand the APRS files by
using the following commands on the hard drive of choice:

Make an appropriate directory	MD APRS
Change to this directory	CD \APRS
Switch to the A drive	A:
Run PKUNZIP with directories	PKUNZIP -d APRS99z.zip C:

Don't forget to use that "-d" switch, which allows for the creation of
those
necessary subdirectories!

If you use WINZIP, change to drive A and double-click on APRS75.zip, click
expand button, tell it where you want it and follow onscreen directions.

***** V E R Y I M P O R T A N T *****

IF YOU ARE USING A KANTRONICS TNC, OPEN THE FILE "INITTAPR.TNC" (it's in the
"SYSTEM"
folder) AND, USING ANY TEXT VIEWER, CHANGE THE LINE THAT SAYS "PAR 0" TO "PAR
NONE".
IF YOU DON'T DO THIS, YOUR TNC WON'T UNDERSTAND ANYTHING THE PROGRAM WILL TELL
IT!!

Make sure your TNC is in Terminal or Command mode (whatever it's called by
the
manufacturer.) At the C:\> prompt, go to your chosen APRS folder and type
"APRS99Z.exe". If you're using Windows, just double-click on that file and "maxi-

mize" it. This brings you to the LOGO screen. Enter your callsign. Tell it what kind of TNC you're using. Answer the other various questions. When you're done, the main map screen will appear.

Now press M(aplist) then C(hange), and tell it you want the appropriate map-list for your region. Use the arrows or mouse to bring the cursor to your approximate location (keep your eye on the upper left part of the screen which shows latitude/longitude of the cursor.) Then press HOME to center the screen on it. Use the PgDN key to zoom in a few screens and tweak the cursor to your EXACT QTH. You may have to zoom in to a very small scale to get the necessary resolution. Once the cursor is at the right spot hit the HOME key again.

Press I(nput) M(y) P(osition) and confirm your lat/long, choose a symbol for yourself, type in a brief comment, and verify it. Once you press that "Y" you're essentially ready to go on the air. In it's most basic form, you're configured! Tune the radio to 145.79, hook it up and see what you can see. It might take a few minutes for other stations to appear (assuming there are some) but if you get a little impatient, try pressing O(perations) Q(uey) and give it a radius such as 64 to force position reports from others.

Look for stations whose symbol is a green star. THESE ARE THE WIDE DIGIPEATERS! Is there one fairly close to you? If there is, press the "D" key. If an asterisk (*) appears next to a callsign (hopefully that nearby WIDE) then you're hearing it directly. Make a note of that nearby WIDE station's digipeater path.

Now you're going to set YOUR digipeater path. Press U(nproto). If you heard that WIDE station directly, enter it's call sign and ssid, if any. Follow this with a comma, then type in "WIDE". For example: "WA2JNF-4,WIDE" would be how I'd enter it here in The Bronx, but the nearest WIDE to YOU is what YOU'RE looking for.

Next you want to set your Power-Height-Gain figures. Press I(nput) P(ower) and tell it how many watts you're using, your antenna's height above AVERAGE terrain (look at a topographical map of your area,) the gain in dBd and the antenna's directional pattern in degrees or 0 (zero) for an omnidirectional antenna.

Finally, set your Beacon Text by pressing I(nput) M(y) S(tatus) and typing in a short comment different than the text you used for your Position Text earlier. At this point, you're about as far as you need to go for now.

I hope to see you all on my screen in the VERY near future. Look for me at cruise missile coordinates 4052.71N/07354.06W.

APRS: Using It

(or: Now that I've got it set up, how do I make it work for me?)
by Arte Booten N2ZRC

In previous articles I've described what The Automatic Position Reporting System is and how to get it set up on your computer and radio. So you're now probably telling yourself "OK, great. I've got these stations appearing on my screen. Now what do I do?"

One of the features in APRS is the ability to send what we call one-liners; that is, one-line messages from station to station either direct or by using digipeaters. >From the main APRS screen press S(end), and type the stations call and <cr>. Then type your message and another <cr>. You'll know when they got it when you receive an *ACK* which replaces the first five characters of your message. These one-liners are the only situation when APRS uses anything other than UI packets.

When you send a message in this manner it will be sent via the same digipeater path as your position and ID packets. If your intended recipient is someplace else you can STILL send it there by specifying any of a dozen alternate digipeater paths which the program can store for you. If you press O(perations)-D(igipath)-S(ave), you'll be prompted to enter a two letter code for that path via whatever path you choose, such as:

NJ VIA N2SF,WA2JNF-4,W2HOB

to get to Southern New Jersey from Westchester. To see the paths you've stored, press O(perations)-D(igipath)-L(ist). The prime purpose of these alternate paths is to keep the QRM to a minimum and to use the most direct and, sometimes, the only feasible path.

The weather systems feature of APRS allows you to see various weather information in real-time which is transmitted by stations with a Peet Bros. or Davis Weather Station. Depending on which version of APRS you're using (as of now, late December, it's 7.7e) and the options the weather station has, you can get different kinds of

information including temperature, rainfall amounts (to the 1/100th inch) in the past hour and 24 hour periods, wind speed, direction and gusts and barometric pressure. By pressing W(eather), you'll see a list of options to choose from. These have changed (for the better) in the last few versions, so I can't be specific.

If at any time you wish to cease transmitting without actually shutting down the program, simply touch C(ommands) X(mit). This will disable the timer within APRS. You will still send out whatever the TNC itself is set to transmit at the predetermined periods. Press them again when you want to resume transmissions. When you want to send a specific packet (most often your position), you can do so by pressing X(mit) P(osition) [or B(eacon), M(essage), S(tatus), O(bject) or A(ll), as the case may be.]

In order to find a station on the screen, you can always use the O(perations)-F(ind) (what else!) command. If you'd like to see something really neat, try O(perations)-R(eplay) with a mobile station. You'll see the station's track being replayed. To access your TNC you'd use O(perations)-C(omms)-T(NC) which leads you to a very basic terminal screen. To get stations to appear on your screen faster (within two or three minutes) you'd use O(perations)-Q(uey), followed by a radius in miles from you.

Now that you've been on the air with APRS for a few hours, you don't necessarily want to wait for all those stations to reappear if, for some reason, you have to exit the program. No problem. Next time you fire it up, press F(iles)-L(oad), then type BACKUP.BK, or whatever you'd like to call it. Every time you shut APRS down it'll save a BACKUP.BK file, replacing the previous copy. Be aware, though, that all of those packets are timed, and any station in this backup that was heard more than two hours ago will "gray-out" (APRS considers them to be inactive and makes room for more stations that way.)

One thing to remember when playing APRS is that the best way to learn, as with anything else, is by doing. You can play with the commands as much as you want. You're not going to BREAK anything! About the worst thing that can happen is a lockup, and this is a rare thing. Usually the three-fingered-salute (Ctrl-Alt-Del) will get you out of it and you'll have to start over. So play with the thing. I mean, how do you think I learned about APRS, by reading about it?

Speaking of reading about it, yes I did. It's right there in the APRS distribution zip file. You can always read those files by pressing F1-F(iles) and typing in the name of the file you want to see. One suggestion: if you're a slow reader, press the down-arrow button once in a while as APRS seems to get impatient with you when it just sits there while you re-read that paragraph for the umpty-umph time and shoves you back into the program.

There are dozens of these readme files in the "README" folder. You can also see them (at your leisure and there for the printing) by using any old text editor. Many of the answers to your questions can be found there, sometimes buried deep and not quite as visible as you'd like.

I hope you enjoyed this series on APRS and hope to see you on the map in the near future. Whenever I see a new station on the screen I try to send them a one-liner welcoming them to APRS and offering live assistance and advice. Feel free to take advantage of this, or ask questions of any station on the air at that time. We're all very excited about this program and think that "the more, the merrier" is the way to go. We've gotten a lot of "converts" in the last few years and this situation can only improve, so come and join us on 145.790! 73

As with most of the stuff I've written about APRS, I place these in the Public Domain, free for the use of anybody. Post them on your APRS website. Print 'em up and distribute them at APRS demonstrations. Include them in distributions of AOL, errr, APRS disks. All I ask is that you give me credit for them. That's all.
73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From BordingK@aol.com Mon Dec 09 20:40:41 1996

Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA26235 for <aprssig@tapr.org>; Mon, 9 Dec 1996 20:40:39 -0600 (CST)

From: BordingK@aol.com

Received: by emout07.mail.aol.com (8.6.12/8.6.12) id VAA08852 for aprssig@tapr.org; Mon, 9 Dec 1996 21:40:07 -0500

Date: Mon, 9 Dec 1996 21:40:07 -0500

Message-ID: <961209213852_1919716647@emout07.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7093] Re: Help with HSP and U2000/KPC-3

Well, why can't we use a HSP with a weather station? I may be missing the point, but the data flow from a GPS and a WX station is not that much different. It sure would make wx reporting a lot more affordable to those stuck with single com port computers!

de KF4COH

From rwf@mindspring.com Mon Dec 09 21:23:44 1996

Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id VAA28324 for <aprssig@tapr.org>; Mon, 9 Dec 1996 21:23:43 -0600 (CST)

From: rwf@mindspring.com

Received: from default (borg.mindspring.com [204.180.128.14]) by mule1.mindspring.com (8.8.2/8.7.3) with SMTP id DAA100176 for <aprssig@tapr.org>; Tue, 10 Dec 1996 03:23:40 GMT

Message-Id: <3.0.32.19961209222347.0072a498@mindspring.com>

X-Sender: rwf@mindspring.com

X-Mailer: Windows Eudora Pro Version 3.0 (32)

Date: Mon, 09 Dec 1996 22:23:51 -0500

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7095] Re: Help with HSP and U2000/KPC-3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I am speaking of Dos APRS, by the way. I haven't got any idea if WinAPRS allows it on the HSP. I do know that Bob requires wx on its own port, though. Probably something to do with the dribbling nature of the serial data from the U-II WX unit.

Half the time, it can't even finish a sentence until the beginning of the next one. Maybe the U-2000 output is more reliable.

Of course I could be 180 degrees out of phase here, I'm sure Bob will set me straight.

ralph

At 08:42 PM 12/9/96 -0600, you wrote:

>Well, why can't we use a HSP with a weather station? I may be missing the

>point, but the data flow from a GPS and a WX station is not that much
>different. It sure would make wx reporting a lot more affordable to those
>stuck with single com port computers!

>

>de KF4COH

>

>

From BordingK@aol.com Mon Dec 09 21:33:44 1996
Received: from emout13.mail.aol.com (emout13.mx.aol.com [198.81.11.39]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA28879 for <aprssig@tapr.org>; Mon, 9
Dec 1996 21:33:42 -0600 (CST)
From: BordingK@aol.com
Received: by emout13.mail.aol.com (8.6.12/8.6.12) id WAA28851 for
aprssig@tapr.org; Mon, 9 Dec 1996 22:33:11 -0500
Date: Mon, 9 Dec 1996 22:33:11 -0500
Message-ID: <961209223302_2017446512@emout13.mail.aol.com>
To: aprssig@tapr.org
Subject: MFJ-8621 and APRS

Considering using MFJ-8621's for remote weather sites. Anyone had either
really good luck or REALLY bad luck using these transceivers?

de KF4COH

Ken in Jax

From cjcavanagh@msn.com Mon Dec 09 21:48:53 1996
Received: from upsmot03.msn.com (upsmot03.msn.com [204.95.110.85]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA29750 for <aprssig@tapr.org>; Mon, 9 Dec 1996
21:48:52 -0600 (CST)
Received: from upmajb06 ([204.95.110.89]) by upsmot03.msn.com (8.6.8.1/
Configuration 4) with SMTP id TAA00687 for <aprssig@tapr.org>; Mon, 9 Dec 1996
19:47:34 -0800
Date: Tue, 10 Dec 96 02:40:31 UT
From: "Carolyn Cavanagh" <cjcavanagh@msn.com>
Message-Id: <UPMAIL02.199612100349320300@msn.com>
To: aprssig@tapr.org
Subject: RE: [APRSSIG:7062] (Revised) 100k maps from USGS ftp

de kb4xf author of mk100kv3

Yes, the code will make maps from data files downloaded and expanded from the
USGS ftp site. These files are sent using a "grz" compression format. You
need to first download the GRZ software so that the downloaded files can be
expanded. Be sure to download the "optional format" files. Answer the
question about using the CD or ftp data correctly and you will be off and
running.

jack kb4xf

cjcavanagh@msn.com

From cjcavanagh@msn.com Mon Dec 09 21:50:14 1996
Received: from upsmot02.msn.com (upsmot02.msn.com [204.95.110.79]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA29821 for <aprssig@tapr.org>; Mon, 9 Dec 1996
21:50:11 -0600 (CST)

Received: from upmajb04.msn.com ([204.95.110.81]) by upsmot02.msn.com (8.6.8.1/Configuration 4) with SMTP id SAA15163 for <aprssig@tapr.org>; Mon, 9 Dec 1996 18:47:16 -0800

Date: Tue, 10 Dec 96 02:31:36 UT

From: "Carolyn Cavanagh" <cjcavanagh@msn.com>

Message-Id: <UPMAIL02.199612100349300979@msn.com>

To: aprssig@tapr.org

Subject: RE: [APRSSIG:7083] NMEA/GPS questions...

Ref conversion from nautical mile and degree of latitude

The reference or its interpretation is wrong.

1 minute of latitude = 1 nautical mile

0.01 minute of latitude = 60.8 ft approx

A minute of latitude is about one nautical mile at the equator, the poles and in between to a good enough approximation unless you are trying to measure continental drift or target ICBM's.

The conversion for longitude is a different story. It depends of the latitude. At the equator (lat=0 deg) 1 minute of longitude is 1 nautical mile.

At any other

latitude it is $\cos(\text{lat})$ nautical miles.

jack kb4xf

cjcavanagh@msn.com

From gwells@nbn.net Mon Dec 09 22:29:18 1996

Received: from mail.nbn.net (nbn.net [199.234.116.15]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA01565 for <aprssig@tapr.org>; Mon, 9 Dec 1996 22:29:16 -0600 (CST)

Received: from default (access23.nbn.net [199.234.116.122]) by mail.nbn.net (8.7.5/8.7.3) with ESMTP id XAA13493 for <aprssig@tapr.org>; Mon, 9 Dec 1996 23:29:12 -0500

Message-Id: <199612100429.XAA13493@mail.nbn.net>

From: "Gary Wells" <gwells@nbn.net>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:7097] MFJ-8621 and APRS

Date: Mon, 9 Dec 1996 23:25:47 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

> From: BordingK@aol.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:7097] MFJ-8621 and APRS
> Date: Monday, December 09, 1996 22:40 PM
>

> Considering using MFJ-8621's for remote weather sites. Anyone had either
> really good luck or REALLY bad luck using these transceivers?

>

> de KF4COH

> Ken in Jax

I have been using MFJ-86212 full time for APRS for about 2 months.

Transmit is fine, but the receiver, in my unit at least, seems poor. I can only hear a very local digi(Kenwood TH-215 HT has much better receive).

That's OK for my use, and would be fine for remote WX. Very low current-25ma in receive-is a plus.

Gary Wells, N3HCP

Schaefferstown, PA

40 17.48 North

78 17.77 West

From jratchf@bulldog.afsc.k12.ar.us Tue Dec 10 07:14:58 1996

Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA25128 for <aprssig@tapr.org>; Tue, 10 Dec 1996 07:14:55 -0600 (CST)

Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id HAA14512; Tue, 10 Dec 1996 07:14:43 -0600

Date: Tue, 10 Dec 1996 07:14:43 -0600 (CST)

From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>

To: aprssig@tapr.org

cc: aprssig@tapr.org

Subject: Re: [APRSSIG:7097] MFJ-8621 and APRS

In-Reply-To: <961209223302_2017446512@emout13.mail.aol.com>

Message-ID: <Pine.LNX.3.91.961210071130.14434A-100000@bulldog.afsc.k12.ar.us>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I have 3. Two as digi's and one fer da mobile. NO PROBLEMS! As a matter of fact, I am going out today and purchasing a 4th for the QTH.

I've been using them for almost 2 years, without any problems what so ever. By the way, they are all coupled with a KPC-3.

Good Luck.

On Mon, 9 Dec 1996 BordingK@aol.com wrote:

> Considering using MFJ-8621's for remote weather sites. Anyone had either
> really good luck or REALLY bad luck using these transceivers?

>

> de KF4COH

> Ken in Jax

>

From jscalet@dound.net Tue Dec 10 08:07:59 1996

Received: from guitar.sound.net (guitar.sound.net [205.242.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA26890 for <aprssig@tapr.org>; Tue, 10 Dec 1996

08:07:57 -0600 (CST)

Received: from [204.120.185.9] ([204.120.185.9]) by guitar.sound.net (8.8.3/8.7.4) with SMTP id IAA08183 for <aprssig@tapr.org>; Tue, 10 Dec 1996 08:00:57 -0600 (CST)

X-Authentication-Warning: guitar.sound.net: [204.120.185.9] didn't use HELO protocol

Message-ID: <32AD8B44.35C0@dound.net>

Date: Tue, 10 Dec 1996 08:09:40 -0800

From: Joe Scalet <jjscalet@dound.net>

X-Mailer: Mozilla 2.0 (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Street Atlas 4 and Tripmate

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

For those who might be interested I have Street Atlas 4 and the Tripmate GPS running on a 386/SL25 Compudyme, 8mb ram, 80mb hard drive. I have two states loaded (KS & MO). I had to gut Windows and DOS to do it and maintain a large enough swap file on the disk. I am not using Double Space (too slow). If you want a list of the required files drop me a private message (not to the sig) and I'll forward it.

From N2ZRC@gnn.com Tue Dec 10 08:35:37 1996

Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA28100 for <aprssig@tapr.org>; Tue, 10 Dec 1996 08:35:36 -0600 (CST)

Received: from 38-178.client.gnn.com. (68-81.client.gnn.com [205.188.68.81]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id JAA14522 for <aprssig@tapr.org>; Tue, 10 Dec 1996 09:35:03 -0500 (EST)

Message-Id: <199612101435.JAA14522@mail-e2b.gnn.com>

X-Mailer: GNNmessenger 1.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Tue, 10 Dec 1996 09:33:29

From: N2ZRC@gnn.com (Arte Booten)

To: aprssig@tapr.org

Subject: Re: APRS Articles

Hi All,

Okay, okay, I'm guilty! I pressed the wrong button and sent that big humongous series of articles to the SIG, when I meant to reply directly. My apologies to all.

Mr. Arte Booten (N2ZRC @ gnn.com)

Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From N2ZRC@gnn.com Tue Dec 10 08:35:58 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA28129 for <aprssig@tapr.org>; Tue, 10 Dec 1996 08:35:56 -0600 (CST)
Received: from 38-178.client.gnn.com. (68-81.client.gnn.com [205.188.68.81]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id JAA15466 for <aprssig@tapr.org>; Tue, 10 Dec 1996 09:35:23 -0500 (EST)
Message-Id: <199612101435.JAA15466@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 10 Dec 1996 09:35:20
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Re: MFJ-8621 sensitivity

Hi All,

On Mon, 9 Dec 1996 Gary Wells replied:

>... the receiver, in my unit at least, seems poor ...

I seem to remember The Bob'ser addressing this either on the SIG or in THE DOCS, suggesting a fix. (Or was that Buck Rogers in 73 ... can't remember!) 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From rwf@mindspring.com Tue Dec 10 09:31:21 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA00611 for <aprssig@tapr.org>; Tue, 10 Dec 1996 09:31:19 -0600 (CST)
From: rwf@mindspring.com
Received: from default (borg.mindspring.com [204.180.128.14]) by mule0.mindspring.com (8.8.2/8.7.3) with SMTP id PAA43802 for <aprssig@tapr.org>; Tue, 10 Dec 1996 15:31:17 GMT
Message-Id: <3.0.32.19961210103107.006e8808@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Tue, 10 Dec 1996 10:31:26 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7103] Re: APRS Articles
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

But I enjoyed them! ; -)

Sure would be nice if the Mailing list defaulted to the Sender. Pretty simple to fix. Admin needs to change the default "Reply-To:" field.

Ralph

At 08:40 AM 12/10/96 -0600, Arte wrote:

>
> Okay, okay, I'm guilty! I pressed the wrong button and sent that big humongous
> series of articles to the SIG, when I meant to reply directly. My apologies to all.
>

From bruninga@nadm.navy.mil Tue Dec 10 09:40:54 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA01108 for <aprssig@tapr.org>; Tue, 10 Dec 1996 09:40:52 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA08872 for <aprssig@tapr.org>; Tue, 10 Dec 1996 10:39:47 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Tue, 10 Dec 1996 10:39:46 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: True DCD MUTE mod for Repeaters
In-Reply-To: <CMM.0.90.4.850170436.alan@manila.cc.columbia.edu>
Message-ID: <Pine.GS0.3.95.961210095606.28856E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have modified Alan Crosswell's schematic with my guess as to how it could work. Can anyone confirm or test this?

> The "true DCD" modification kit from TAPR just sits in between the FSK
> modem DCD output and the DCD input to the Z80. In the Tiny-2 its Jumper
> JPD. Here is what it looks like after installing DCD state machine and
> my two suggested ORing diodes and MUTE output.

>

```

      D1
> external RFDCD  -----* 1  X----|<-----+
>                                     |
>                                     *-----*-----> DCD in to Z80 I guess...
>                                     |
> TCM3105 DCD out -----* 3      |      D2
>                               |      +----->|-----+-----> Mute out
>                               |                               |
>                               +--->DCD state machine input   |

```

> DCD out fm state machine>---+
> > - - - ... ----->bunch of other places the state machine hooks
> to the TNC guts to actually look at the bit
> stream, obtain power, clock, etc.
>

Alan also said:

> It would be truly nice to only cause packet transmit holdoff when
> 145.79 is busy. Currently, ORing the two means that holdoff happens...
> both when packets are being received from mobiles on the repeater as well
> as when packets are being heard on 145.79.

**** But this should certainly not be a problem, because the ONLY thing it
is "holding off" are the packets being heard on the voice channel. and
waiting for a clear packet channel. There are no packets to hold off
during the occasionaly 0.2 second burst on the voice channel...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From donp@jerrytyrell.net Tue Dec 10 09:45:49 1996
Received: from jerrytyrell.net ([204.248.154.45]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id JAA01373 for <aprssig@tapr.org>; Tue, 10 Dec 1996 09:45:45 -0600
(CST)
Received: (from donp@localhost) by jerrytyrell.net (8.7.4/8.7.3) id JAA04257;
Tue, 10 Dec 1996 09:46:24 -0600
Date: Tue, 10 Dec 1996 09:46:23 -0600 (CST)
From: Don Pfister KA0JLF <donp@jerrytyrell.net>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7097] MFJ-8621 and APRS
In-Reply-To: <961209223302_2017446512@emout13.mail.aol.com>
Message-ID: <Pine.LNX.3.91.961210094419.4237A-100000@jerrytyrell.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use an MFJ-8621X (APRS crystal), I'm reall happy with it. I use it for
APRS no WX yet. MFJ has been real helpful. I got the 145.01 radio, they
exchanged it for me for the 145.79 APRS version, with \$20 difference in
price.

73 de Don KA0JLF

On Mon, 9 Dec 1996 BordingK@aol.com wrote:

> Considering using MFJ-8621's for remote weather sites. Anyone had either
> really good luck or REALLY bad luck using these transceivers?
>
> de KF4COH
> Ken in Jax
>

From bruninga@nadm.navy.mil Tue Dec 10 10:08:53 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA02938 for <aprssig@tapr.org>; Tue, 10
Dec 1996 10:08:51 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id LAA12442 for <aprssig@tapr.org>; Tue, 10 Dec 1996
11:07:46 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Tue, 10 Dec 1996 11:07:45 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7097] MFJ-8621 and APRS
In-Reply-To: <961209223302_2017446512@emout13.mail.aol.com>
Message-ID: <Pine.GS0.3.95.961210110516.28856L-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 9 Dec 1996 BordingK@aol.com wrote:

> Considering using MFJ-8621's for remote weather sites. Anyone had either
> really good luck or REALLY bad luck using these transceivers?

APRSDos REPLY/COMMENT: I got 5 of the very early models.... They all had
marginal receive sensitivity around 1 microvolt. BUT OTHERS have said
that MFJ found a problem with the TR diode and have restored the design to
its original specs of a few tenths of a microvolt. Can anyone confirm
this. Mine are still a little deaf, because it will be forever till I go
climb the tower to get them back to send back for the mods...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From lmkeeran@rs6000.cmp.ilstu.edu Tue Dec 10 10:18:15 1996
Received: from rs6000.cmp.ilstu.edu (root@rs6000.cmp.ilstu.edu [138.87.1.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA03313 for <aprssig@tapr.org>; Tue, 10
Dec 1996 10:18:13 -0600 (CST)
Received: from i0517009.adm.ilstu.edu by rs6000.cmp.ilstu.edu (AIX 4.1/UCB
5.64/4.03)
id AA118544; Tue, 10 Dec 1996 10:17:30 -0600
Date: Tue, 10 Dec 1996 10:17:30 -0600
Message-Id: <v03007801aed2e4362032@[138.87.2.109]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
Subject: Dual Alias EPROM's

Which TNC's take the TAPR ver 1.1.9 EPROM's? I have a PK-80, PK-88, TINY-2
and MFJ-1270B's on the APRS network. I want to put the dual alias EPROM in
them.

I can't determine for certain that the ver 1.1.9 has dual aliases. Is there a list of commands for that chip somewhere besides the printout?

Larry M. Keeran K9ORP IS Data Processing Equip Tech k9orp@tapr.org
 EC McLean Co-CIPRUS,Inc-PresCIRC-VP QCWA-Life ARRL-APRSM-APRS-TAPR#762

From rparry@qualcomm.com Tue Dec 10 10:27:42 1996
Received: from nala.qualcomm.com (nala.qualcomm.com [129.46.50.44]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA03772 for <aprssig@tapr.org>; Tue, 10 Dec 1996 10:27:40 -0600 (CST)
Received: from [129.46.159.136] (rparry-mac.qualcomm.com [129.46.159.136]) by nala.qualcomm.com (8.8.3/1.4/8.7.2/1.12) with ESMTP id IAA19287 for <aprssig@tapr.org>; Tue, 10 Dec 1996 08:27:08 -0800 (PST)
X-Sender: rparry@nala.qualcomm.com
Message-Id: <v03007802aed33fc27b1e@[129.46.159.136]>
In-Reply-To: <199612101435.JAA14522@mail-e2b.gnn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 10 Dec 1996 08:27:07 -0800
To: aprssig@tapr.org
From: Richard Parry <rparry@qualcomm.com>
Subject: Re: [APRSSIG:7103] Re: APRS Articles

I glad you sent it to the sig, very useful!!! Thanks

```
>Hi All,  
>  
>    Okay, okay, I'm guilty!  I pressed the wrong button and sent that big  
>humongous  
>series of articles to the SIG, when I meant to reply directly.  My  
>apologies to all.  
>  
>  
>Mr. Arte Booten  (N2ZRC @ gnn.com)  
>Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA  
>  
>Cruise Missile Coordinates 4052.71N/07354.06W  
>  
>.. Coordinates laid in.  Engaging at warp six ...
```

Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B
Globalstar/Gateway Reverse Link
Intranet --> <<http://web/~rparry>>
Internet --> <<http://www.qualcomm.com/~rparry>>

From rswanson@csinet.net Tue Dec 10 11:37:55 1996
Received: from Home.csinet.net (root@Home.CsiNet.Net [206.31.16.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA07297 for <aprssig@tapr.org>; Tue, 10 Dec 1996 11:37:53 -0600 (CST)
Received: from Rob.csinet.net (Lp216121-A5.CsiNet.Net [206.31.16.121]) by Home.csinet.net (8.7.5/8.7.3) with SMTP id LAA15739 for <aprssig@tapr.org>; Tue, 10 Dec 1996 11:39:26 -0600
Message-ID: <32ADA005.52DE@csinet.net>
Date: Tue, 10 Dec 1996 11:38:13 -0600
From: Rob Swanson <rswanson@csinet.net>
Reply-To: rswanson@csinet.net
X-Mailer: Mozilla 3.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS KPC-3 Icom GP-22
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need some help getting my GP-22 GPS unit tied into my aprs setup.

I have APRS stup and running on a 486dx2-66 with my Ultimeter 2 feeding data just fine.

Now I have a HSP cable I bought from Kantronics, but no pinouts for the Icom GP-22. I have the interface kit that has the nmea port on it. WHat I need are the correct hookup for that port.

Any info would be helpfull.

Rob Swanson
N9RVR
rswanson@csinet.net
La Porte IN

From rwf@mindspring.com Tue Dec 10 15:38:57 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA16932 for <aprssig@tapr.org>; Tue, 10 Dec 1996 15:38:55 -0600 (CST)
From: rwf@mindspring.com
Received: from default (borg.mindspring.com [204.180.128.14]) by mule1.mindspring.com (8.8.2/8.7.3) with SMTP id VAA38114 for <aprssig@tapr.org>; Tue, 10 Dec 1996 21:38:49 GMT
Message-Id: <3.0.32.19961210163807.00759a74@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Tue, 10 Dec 1996 16:39:02 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7111] APRS KPC-3 Icom GP-22
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All HSP adapter cables need power to run. Many laptops do not provide power on the same pin of the RS232 connector that the HSP is looking for it on. On my second HSP cable, I rewired it to get power from a pin on the KPC-3. PacComm's cable looks for power on a TNC pin as well as a pin on the PC, but sometimes even that one doesn't work at first. This is because TNCs, HSP cables and Laptops all vary between each other.

Start by finding out where the cable YOU have requires power. I have seen the AEA and PacComm, but not the Kantronics. You can install a jumper in the KPC-3 that allows powering it from pin 25. If you fuse it properly, you can get power there to run the circuit in the cable. I doubt this is the way the standard Kantronics cable is built, though.

The early PacComm cables looked for power on pin 6 of the laptop. Later they added a power wire from the TNC, too. I think also on pin 6. I think it was an orange wire.

Good luck

Ralph N4NEQ
rwf@mindspring.com

At 11:42 AM 12/10/96 -0600, you wrote:

>I need some help getting my GP-22 GPS unit tied into my aprs setup.
>
>I have APRS stup and running on a 486dx2-66 with my Ultimeter 2 feeding
>data just fine.
>
>Now I have a HSP cable I bought from Kantronics, but no pinouts for the
>Icom GP-22. I have the interface kit that has the nmea port on it. WHAT
>I need are the correct hookup for that port.
>
>Any info would be helpfull.
>
>Rob Swanson
>N9RVR
>rswanson@csinet.net
>La Porte IN
>
>

From rwf@mindspring.com Tue Dec 10 15:38:56 1996

Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA16931 for <aprssig@tapr.org>; Tue, 10 Dec 1996 15:38:54 -0600 (CST)

From: rwf@mindspring.com

Received: from default (borg.mindspring.com [204.180.128.14]) by mule1.mindspring.com (8.8.2/8.7.3) with SMTP id VAA38096 for <aprssig@tapr.org>; Tue, 10 Dec 1996 21:38:47 GMT

I think your Tiny 2 and MFJ should take them just fine, as long as you have enough memory.
The AEA's are in their own little world, as are Kantronics.

I think PacComm may have a chip either now or soon with LOTS of APRS functionality. There was even talk of a real live APRS DIGI EPROM.

Ralph N4NEQ
rwf@mindspring.com

From rswanson@csinet.net Tue Dec 10 16:08:07 1996
Received: from Home.csinet.net (root@Home.CsiNet.Net [206.31.16.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA18354 for <aprssig@tapr.org>; Tue, 10 Dec 1996
16:08:06 -0600 (CST)
Received: from Rob.csinet.net (Lp216121-A5.CsiNet.Net [206.31.16.121]) by
Home.csinet.net (8.7.5/8.7.3) with SMTP id QAA19084 for <aprssig@tapr.org>; Tue,
10 Dec 1996 16:09:40 -0600
Message-ID: <32ADDF5E.CFD@csinet.net>
Date: Tue, 10 Dec 1996 16:08:30 -0600

From: Rob Swanson <rswanson@csinet.net>
Reply-To: rswanson@csinet.net
X-Mailer: Mozilla 3.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7112] Re: APRS KPC-3 Icom GP-22
References: <3.0.32.19961210163807.00759a74@mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After 2 calls to Icom I was able to get the info I needed.
With the GP-22 in order to have the NMEA port you need the interface unit. It gives you the NMEA port and the external ANT. jack.
I needed to know how the plug was wired on the interface unit.
Ends up it is just a 1/8th inch Mono plug Tip Positive Sleeve Ground.
the HSP Cable I have from Kantronics had 3 wires for the GPS one Positive one Negative and an extra ground wire I didn't even hookup.
Worked great after I set the TNC's baudrate down to the 4800 and turned HSP on in aprs.

rwf@mindspring.com wrote:

>
> All HSP adapter cables need power to run. Many laptops do not provide
> power on the same pin of the RS232 connector that the HSP is looking for it
> on. On my second HSP cable, I rewired it to get power from a pin on the
> KPC-3. PacComm's cable looks for power on a TNC pin as well as a pin on
> the PC, but sometimes even that one doesn't work at first. This is because
> TNCs, HSP cables and Laptops all vary between each other.
>
> Start by finding out where the cable YOU have requires power. I have seen
> the AEA and PacComm, but not the Kantronics. You can install a jumper in
> the KPC-3 that allows powering it from pin 25. If you fuse it properly,
> you can get power there to run the circuit in the cable. I doubt this is
> the way the standard Kantronics cable is built, though.
>
> The early PacComm cables looked for power on pin 6 of the laptop. Later
> they added a power wire from the TNC, too. I think also on pin 6. I think
> it was an orange wire.
>
> Good luck
>
> Ralph N4NEQ
> rwf@mindspring.com
>

From gerry@cs.tamu.edu Tue Dec 10 16:34:31 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA19620 for <aprssig@tapr.org>; Tue, 10 Dec 1996 16:34:30 -0600 (CST)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.8.4/8.8.4) with ESMTP id QAA29815 for <aprssig@tapr.org>; Tue, 10 Dec 1996 16:33:49 -0600 (CST)
From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (from gerry@localhost)
by solar.cs.tamu.edu (8.8.4/8.8.4)
id QAA16364 for aprssig@tapr.org; Tue, 10 Dec 1996 16:33:43 -0600 (CST)
Message-Id: <199612102233.QAA16364@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:7088] Some little Tripmate stats
To: aprssig@tapr.org
Date: Tue, 10 Dec 1996 16:33:42 -0600 (CST)
In-Reply-To: <32AC9B20.D15@usc.edu> from "Dick Mead" at Dec 9, 96 05:11:20 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Dick Mead sez:

>
> Current drain OFF = 0.13mA
> Current drain ON = 98Ma (approx)
>
> If the Tripmate is on and voltage is
> reduced from 6 to 5VDC, current drain
> INCREASES to 120mA (approx)

OK, so they used a low-drop regulator, and when you reduce it to 5 volts, it gets a bit unhappy. If you didn't smoke the regulator, it sounds like even that was pretty well designed.

73, gerry

--

Gerry Creager N5JXS
Research Assistant, Mapping Sciences Laboratory, Texas A&M University
n5jxs@tamu.edu gerry@rsgis3.tamu.edu
409.845.9425
"Not an Official Document of Texas A&M or the Mapping Sciences laboratory"

From n0lrf@computer-services.com Tue Dec 10 16:35:15 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA19663 for <aprssig@tapr.org>; Tue, 10 Dec 1996 16:35:13 -0600 (CST)
Received: from stump (port14.idtskc2.idir.net [204.189.69.113]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id QAA17513 for <aprssig@tapr.org>; Tue, 10 Dec 1996 16:35:22 -0600
Message-ID: <32ADE60A.45C5@computer-services.com>
Date: Tue, 10 Dec 1996 16:36:58 -0600
From: Paul Stump <n0lrf@computer-services.com>
Reply-To: n0lrf@computer-services.com
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Standard C508A...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Say,

Any insight on using the Standard C508A xcvr as a stand-alone? Would look pretty nifty with a MIM and a GPS board...

--

73, Paul, n01rf@computer-services.com

From theco-op@home.winc.com

From: N2ZRC@gnn.com Tue Dec 10 17:30:28 1996

Received: from home.winc.com (root@home.winc.com [204.178.182.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22568 for <aprssig@tapr.org>; Tue, 10 Dec 1996 17:30:23 -0600 (CST)

From: theco-op@home.winc.com

Received: from slip132.winc.com (slip132.winc.com [204.178.182.132])
by home.winc.com (8.8.4/8.8.4) with SMTP
id SAA00804; Tue, 10 Dec 1996 18:30:18 -0500

Message-Id: <199612102330.SAA00804@home.winc.com>

Comments: Authenticated sender is <theco-op@home.winc.com>

To: aprssig@tapr.org, aprssig@tapr.org

Date: Tue, 10 Dec 1996 18:29:09 +0000

Subject: Re: [APRSSIG:7103] Re: APRS Articles

X-Confirm-Reading-To: theco-op@home.winc.com

X-pmrqc: 1

Return-receipt-to: theco-op@home.winc.com

Priority: normal

X-mailer: Pegasus Mail for Windows (v2.20)

Date: Tue, 10 Dec 1996 08:40:54 -0600 (CST)

Reply-to: aprssig@tapr.org

From: N2ZRC@gnn.com (Arte Booten)

To: aprssig@tapr.org

Subject: [APRSSIG:7103] Re: APRS Articles

Hi All,

Okay, okay, I'm guilty! I pressed the wrong button and sent that big humongous series of articles to the SIG, when I meant to reply directly. My apologies to all.

Mr. Arte Booten (N2ZRC @ gnn.com)

Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

.. Coordinates laid in. Engaging at warp six ...

why are there 4 copies of this particular piece of junk in my mailbox

seems like a lot of duplicates on this server-- can someone fix

bruce wa8pgd akron ohio--i am interested inb this stuff--anyone in
akron on it?????? 73's all

From bruninga@nadm.navy.mil Tue Dec 10 17:35:40 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22978 for <aprssig@tapr.org>; Tue, 10
Dec 1996 17:35:38 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id SAA04654 for <aprssig@tapr.org>; Tue, 10 Dec 1996
18:34:34 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Tue, 10 Dec 1996 18:34:34 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7115] Re: Some little Tripmate stats
In-Reply-To: <199612102233.QAA16364@solar.cs.tamu.edu>
Message-ID: <Pine.GSO.3.95.961210183306.4161C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Dec 1996, Gerald J Creager wrote:

> Dick Mead sez:
> >
> > Current drain ON = 98Ma (approx)
> > If the Tripmate is on and voltage is reduced from 6 to 5VDC, current
> > drain INCREASES to 120mA (approx)
>
> OK, so they used a low-drop regulator, and when you reduce it to 5 volts, it
> gets a bit unhappy. If you didn't smoke the regulator, it sounds like even
> that was pretty well designed.

APRSDos REPLY/COMMENT: No, I would say it is a DC/DC regulator that
re-generates the DC.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From ku0g@sprynet.com Tue Dec 10 18:48:39 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA27827 for <aprssig@tapr.org>; Tue, 10 Dec 1996
18:48:30 -0600 (CST)
Received: from JIMDUNCA (ts1-p23.wwi.net [204.153.64.124]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id QAA27633 for <aprssig@tapr.org>; Tue, 10 Dec 1996
16:48:21 -0800
Date: Tue, 10 Dec 1996 16:48:21 -0800
Message-Id: <199612110048.QAA27633@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7103] Re: APRS Articles

At 08:40 12/10/96 -0600, you wrote:

>Hi All,
>
> Okay, okay, I'm guilty! I pressed the wrong button and sent that big
humongous
>series of articles to the SIG, when I meant to reply directly. My
apologies to all.
>
>
>Mr. Arte Booten (N2ZRC @ gnn.com)
>Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA
>
>Cruise Missile Coordinates 4052.71N/07354.06W
>
>.. Coordinates laid in. Engaging at warp six ...
>
Get out the wet-noodles, everyone....<snicker>

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From eac@shore.net Tue Dec 10 19:55:24 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA00233 for <Aprssig@Tapr.Org>; Tue, 10
Dec 1996 19:55:23 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id UAA28534; Tue, 10 Dec 1996 20:55:15
-0500 (EST)
Received: from pm4-120 (pm4-120.lynnma.shore.net [204.167.109.120]) by
northshore.shore.net (8.8.3/8.8.3) with SMTP id UAA18128; Tue, 10 Dec 1996
20:55:13 -0500 (EST)
MIME-Version: 1.0
Date: Tue, 10 Dec 1996 21:04:37 -0400
To: gerry@cs.tamu.edu
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7115] Re: Some little Tripmate stats
Message-Id: <850269877-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <850269877-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

The chip is a Maxium DC to DC converter that outputs 3.3 volts. It looks

like about 2 diode drops so 5 volts is 3.6 for chip input. I do not remember what the minimum voltage to the thing is.

If you calculate the power input at 6 volts it is 0.588 watts and at 5 it is 0.6 watts so it does not look too bad.

I wonder what the current drain at 7.2 volts is? If it is about 81 mA then it may be slightly better to go with a 7.2 volt Nicad pack.

73 Eric eac@shore.net

From TonyDrumm@ibm.net Tue Dec 10 20:51:03 1996
Received: from smtp-gw01.ca.us.ibm.net (smtp-gw01.ca.us.ibm.net [165.87.201.252]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA02725 for <aprssig@tapr.org>; Tue, 10 Dec 1996 20:51:01 -0600 (CST)
Received: (from uucp@localhost) by smtp-gw01.ca.us.ibm.net (8.6.9/8.6.9) id CAA21644 for <aprssig@tapr.org>; Wed, 11 Dec 1996 02:51:00 GMT
Message-Id: <199612110251.CAA21644@smtp-gw01.ca.us.ibm.net>
Received: from slip166-72-88-157.mn.us.ibm.net(166.72.88.157) by smtp-gw01.ca.us.ibm.net via smap (V1.3mjr)
id smaU4oCrX; Wed Dec 11 02:50:53 1996
X-Sender: usinet.aa0sm@pop03.ca.us.ibm.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 10 Dec 1996 20:54:33 -0600
To: aprssig@tapr.org
From: TonyDrumm@ibm.net (Tony Drumm)
Subject: Yet another Wx program!

I've been spending my "spare" moments writing a Windows 3.1 program to interface to my U2000 and APRS. It's main purpose is to report weather data in more detail than APRS does for my home station including some showing some graphs. I still wanted to be able to post my data to the APRS network so it does that, too. Meanwhile, I'm learning a bit more about Windows and C++ (been programming C for many, many moons!).

I've just uploaded it to tapr's ftp area in software_lib/upload and it will hopefully migrate to software_lib/weather. There are still several things on my to-do list, but I thought there might be others who would be interested in trying it. I'm most proud of it's plug-n-play ability - it finds the weather port and TNC port and figures out your callsign, unproto path, and lat/long by itself (assuming you've been using APRS recently).

Let me know if you try it.

73.

Tony Drumm
ARS AA0SM

From jolson@mail.gte.net Tue Dec 10 22:14:06 1996
Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA05497 for <aprssig@tapr.org>; Tue, 10 Dec 1996

22:14:04 -0600 (CST)

Received: from thumper.prostar.com (Cust98.Max8.Seattle.WA.MS.UU.NET [153.34.38.226]) by smtp.gte.net (SMI-8.6/) via SMTP id WAA16775 for <aprssig@tapr.org>; Tue, 10 Dec 1996 22:14:02 -0600

Message-ID: <32AE3443.3CCE@mail.gte.net>

Date: Tue, 10 Dec 1996 20:10:43 -0800

From: Jay Olson <jolson@mail.gte.net>

Reply-To: jolson@mail.gte.net

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: TCM3105 min tx pinout?

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I would dearly appreciate it if some kind soul would e-mail me a minimum configuration for using the TCM3105 as an FSK tone generator with no receive capabilities. As TI has no data sheets or ap notes left on their website I am kinda running blind here. I need to know what to do with a mess of unused pins.

Actually, if anybody has PDF files of data sheets or ap notes I might get by that way. What is the difference between the NL and JL suffixes, anyway?? Thanks in advance.....Jayo WQ7P

From n01rf@computer-services.com Tue Dec 10 22:23:13 1996

Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA06043 for <aprssig@tapr.org>; Tue, 10 Dec 1996 22:23:10 -0600 (CST)

Received: from pm6_01.computer-services.com (pm6_01.computer-services.com [206.101.232.148]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id WAA25238 for <aprssig@tapr.org>; Tue, 10 Dec 1996 22:23:23 -0600

Message-ID: <32AE5285.A33@computer-services.com>

Date: Tue, 10 Dec 1996 22:19:49 -0800

From: Paul Stump <n01rf@computer-services.com>

Reply-To: n01rf@computer-services.com

X-Mailer: Mozilla 3.01 (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7121] Yet another Wx program!

References: <199612110251.CAA21644@smtp-gw01.ca.us.ibm.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Tony Drumm wrote:

>

> I've been spending my "spare" moments writing a Windows 3.1 program to
> interface to my U2000 and APRS. It's main purpose is to report weather data
> in more detail than APRS does for my home station including some showing
> some graphs. I still wanted to be able to post my data to the APRS network
> so it does that, too.

Hey Tony, I'm VERY interested if it might also accept Ultimeter II data (I don't know the data differences). I've been running a separate laptop

for
years on my WX line just so I can see the last 20 hour graphs, and still
run
APRS on my "big" computer. I'd LOVE to run APRS and collect WX data
24hrs per
day on one computer.

Thanks 4 your efforts,

--

73, Paul, n0lrif@computer-services.com

From ku0g@sprynet.com Tue Dec 10 22:50:16 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA07227 for <aprssig@tapr.org>; Tue, 10 Dec 1996
22:50:15 -0600 (CST)
Received: from JIMDUNCA (ts1-p23.wwi.net [204.153.64.124]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id UAA06362 for <aprssig@tapr.org>; Tue, 10 Dec 1996
20:50:10 -0800
Date: Tue, 10 Dec 1996 20:50:10 -0800
Message-Id: <199612110450.UAA06362@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: APRS in NWS Offices....

The Kansas City APRS Working Group is attempting to get an APRS station
going at the National Weather Service office (NEXRAD site) here. The area
Skywarn Coordinator, Dennis Carpenter (KA0SXY), has requested that I provide
him with information on what other NWS sites are doing with APRS in
conjunction with Skywarn activities and so forth.

Would you kindly EMail Mr. Carpenter DIRECT and CC the message(s) to me with
all of the information that you are able to provide on your experience(s)
with APRS in the local weather service offices.

We are particularly looking for the following information:

- 1) How does APRS fit in to your overall Skywarn network?
- 2) What unique benefits has the installation of an APRS position with your
local WSO presented with regard to Skywarn and other weather operations?
- 3) What equipment you are using...
- 4) Where you are located...
- 5) Number of remote WX sensing sites (i.e. Ultimeters, Davis Bros., etc.)
that are within the service area of your WSO as well as your area APRS network.

6) Number of spotters using APRS to aid in tracking of severe weather events, mobile location, etc. along with the number of stations using full laptop mobile/GPS, stand-alone tracker or MIC-E modules.

7) Did the NWS provide your station equipment or what were the sources of the APRS equipment at your NWS site?

8) Any other pertinent, useful information that you can pass along to Mr. Carpenter that will assist him in making a commitment to posting an APRS station in our WSO and in planning for the on-air operations.

Thank you for your assistance and we appreciate your efforts! Please respond as soon as absolutely possible!!

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From gwellls@nbn.net Tue Dec 10 23:44:46 1996
Received: from mail.nbn.net (nbn.net [199.234.116.15]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA10268 for <aprssig@tapr.org>; Tue, 10 Dec 1996
23:44:45 -0600 (CST)
Received: from default (access20.nbn.net [199.234.116.119]) by mail.nbn.net
(8.7.5/8.7.3) with ESMTP id AAA04922 for <aprssig@tapr.org>; Wed, 11 Dec 1996
00:44:37 -0500
Message-Id: <199612110544.AAA04922@mail.nbn.net>
From: "Gary Wells" <gwellls@nbn.net>
To: <aprssig@tapr.org>
Subject: Ultimeter II and KPC-3
Date: Wed, 11 Dec 1996 00:44:01 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Has anyone had any success with an U-II and a KPC-3 as a stand alone WX station? Yes, I have read the APRS help files and (believe it or not) the KPC-3 manuals! I set the GPSHEAD parameter to "*",but the TNC doesn't store the string from the U-II in the LT buffer. The baud rates also match at 2400, the LPT and BLT parameters are set. It will beacon a test msg stored in LT buffer 2. Any ideas, anyone?

Thanks,
Gary Wells, N3HCP
Schaefferstown, PA
40 17.48 North
78 17.77 West

From wendysue@global2000.net Wed Dec 11 06:46:14 1996

Received: from mail.global2000.net (root@mail.global2000.net [198.69.121.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA29388 for <aprssig@tapr.org>; Wed, 11 Dec 1996 06:46:13 -0600 (CST)
Received: from test.global2000.net (dialup-52.global2000.net [205.247.145.122]) by mail.global2000.net (8.8.4/SecureMode) with SMTP id HAA00879 for <aprssig@tapr.org>; Wed, 11 Dec 1996 07:46:11 -0500
Message-ID: <32AEAD0D.4BB1@global2000.net>
Date: Wed, 11 Dec 1996 07:46:05 -0500
From: John M Dombrowski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7124] APRS in NWS Offices....
References: <199612110450.UAA06362@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Duncan wrote:

>
> The Kansas City APRS Working Group is attempting to get an APRS station
> going at the National Weather Service office (NEXRAD site) here. The area
> Skywarn Coordinator, Dennis Carpenter (KA0SXY), has requested that I provide
> him with information on what other NWS sites are doing with APRS in
> conjunction with Skywarn activities and so forth.
>
> Would you kindly EMail Mr. Carpenter DIRECT and CC the message(s) to me with
> all of the information that you are able to provide on your experience(s)
> with APRS in the local weather service offices.
>
> We are particularly looking for the following information:
>
> 1) How does APRS fit in to your overall Skywarn network?
>
> 2) What unique benefits has the installation of an APRS position with your
> local WSO presented with regard to Skywarn and other weather operations?
>
> 3) What equipment you are using...
>
> 4) Where you are located...
>
> 5) Number of remote WX sensing sites (i.e. Ultimeters, Davis Bros., etc.)
> that are within the service area of your WSO as well as your area APRS network.
>
> 6) Number of spotters using APRS to aid in tracking of severe weather
> events, mobile location, etc. along with the number of stations using full
> laptop mobile/GPS, stand-alone tracker or MIC-E modules.
>
> 7) Did the NWS provide your station equipment or what were the sources of
> the APRS equipment at your NWS site?
>
> 8) Any other pertinent, useful information that you can pass along to Mr.
> Carpenter that will assist him in making a commitment to posting an APRS

> station in our WSO and in planning for the on-air operations.
>
> Thank you for your assistance and we appreciate your efforts! Please
> respond as soon as absolutely possible!!
>
> 73 de Jim, KU0G
> Chairman/Coordinator
> Kansas City APRS Working Group
> EMail: ku0g@kcaprs.com
> EMail: ku0g@sprynet.com

Would everyone please reply to this post ON the sig to benifit as many
of us as posible.

TNX & 73

John

--

John M Dombkowski N20JY
Wendy S Helm N2XXX
503 Middle Grove Rd
Middle Grove New York 12850-1107
518-584-6554
e mailto:wendysue@global2000.net

From schiers@ames.net Wed Dec 11 07:53:44 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA01843 for <aprssig@tapr.org>; Wed, 11 Dec 1996
07:53:43 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (schiers.ames.net [206.29.126.237]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id HAA21163 for <aprssig@tapr.org>; Wed, 11 Dec 1996
07:52:06 -0600
Message-Id: <199612111352.HAA21163@brain.ames.net>
Date: Wed, 11 Dec 96 07:49:56 -0600
To: aprssig@tapr.org
Subject: Help with Pico Packet GPS
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

Like a dummy, I misplaced my manual. My PICO has dropped out of GPS mode
while in the car in stand alone mode. I can't recall the command to put it
back into gps mode.

Also, if you could pass along the other gps settings like sentence, etc
for the PICO...I know that manual is around somewhere, but I want to get
my mobile setup back on the air.

Can't figure out why it dropped out of gps mode just sitting there, but it
has happened before. Wonder if it is a firmware problem?

73,

hasan schiers, NOAN--

schiers@ames.net

From jkozak@erols.com Wed Dec 11 08:03:05 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA02024 for <aprssig@tapr.org>; Wed, 11
Dec 1996 08:03:01 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp1.erols.com (8.7.5/8.7.3) with SMTP id JAA26360 for <aprssig@tapr.org>; Wed,
11 Dec 1996 09:02:55 -0500 (EST)
Date: Wed, 11 Dec 1996 09:02:55 -0500 (EST)
Message-Id: <199612111402.JAA26360@smtp1.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Gutted Windows for 386

Joe Scalet wrote...

>For those who might be interested I have Street Atlas 4 and the
>Tripmate GPS running on a 386/SL25 Compudyne, 8mb ram, 80mb hard drive. I
>have two states loaded (KS & MO). I had to gut Windows and DOS to do it
>and maintain a large enough swap file on the disk. I am not using Double
>Space (too slow). If you want a list of the required files drop me a
>private message (not to the sig) and I'll forward it.

Joe,

I would like to see your list of files, but any mail I send to you gets
returned as undeliverable...

John Kozak; N3AGG
jkozak@erols.com

From rwf@mindspring.com Wed Dec 11 08:06:16 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA02327 for <aprssig@tapr.org>; Wed, 11
Dec 1996 08:06:15 -0600 (CST)
Received: from ms137746.mindspring.com (borg.mindspring.com [204.180.128.14]) by
mule0.mindspring.com (8.8.2/8.7.3) with SMTP id OAA83800 for <aprssig@tapr.org>;
Wed, 11 Dec 1996 14:06:12 GMT
Message-Id: <3.0.32.19961211085602.0071c520@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Wed, 11 Dec 1996 09:06:25 -0500
To: aprssig@tapr.org

From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:7125] Ultimeter II and KPC-3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The thing I screwed up on mine was not using the WX symbol " _ " in the Position statement.

Aside from that, I just set the header to match (I think it was *). Some versions of the U-II used a # for the beginning string.

Did you make sure to use a null modem cable (swap pins 2 and 3). The U-II cable will not work directly into the KPC-3.

Good Luck

Ralph N4NEQ
rwf@mindspring.com <http://www.mindspring.com/~rwf> for lots of APRS info

At 11:47 PM 12/10/96 -0600, you wrote:

>

>Has anyone had any success with an U-II and a KPC-3 as a stand alone WX
>station?

From sproul@ap.org Wed Dec 11 08:17:50 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA02626 for <aprssig@tapr.org>; Wed, 11 Dec 1996 08:17:49 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id JAA09533; Wed, 11 Dec 1996 09:11:28 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007805aed47148a45a@[165.1.27.20]>
In-Reply-To: <32AE5285.A33@computer-services.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 11 Dec 1996 09:11:23 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: APRS and weather charts

>Tony Drumm wrote:

>>

>> I've been spending my "spare" moments writing a Windows 3.1 program to
>> interface to my U2000 and APRS. It's main purpose is to report weather data
>> in more detail than APRS does for my home station including some showing
>> some graphs. I still wanted to be able to post my data to the APRS network
>> so it does that, too.

>

WinAPRS will have weather graphs built in shortly, these already exist in MacAPRS but we have not gotten the graphs ported to Windows yet.

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From davidmc@goodnet.com Wed Dec 11 08:21:56 1996
Received: from goodguy.goodnet.com (goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA02950 for <aprssig@tapr.org>; Wed, 11 Dec 1996 08:21:55 -0600 (CST)
Received: from 207.98.132.203 (phx-ts15-10.goodnet.com [207.98.132.203]) by goodguy.goodnet.com (8.8.4/8.8.2) with SMTP id HAA05482 for <aprssig@tapr.org>; Wed, 11 Dec 1996 07:20:22 -0700 (MST)
Message-ID: <32AEC384.749@goodnet.com>
Date: Wed, 11 Dec 1996 07:21:57 -0700
From: David/Roxanne McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 3.0 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7124] APRS in NWS Offices....
References: <199612110450.UAA06362@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd be interested in this information to help sell it to our local Skywarn/NWS office.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ
email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam
Visit the family homepage: <http://www.goodnet.com/~davidmc/>
"As for me and my house, we will serve the Lord." Jos 24:15

From n01rf@computer-services.com Wed Dec 11 08:39:22 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA03663 for <aprssig@tapr.org>; Wed, 11 Dec 1996 08:39:20 -0600 (CST)
Received: from stump (port12.idtskc1.idir.net [204.189.69.239]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id IAA01282 for <aprssig@tapr.org>; Wed, 11 Dec 1996 08:39:36 -0600
Message-ID: <32AEC807.6DC6@computer-services.com>
Date: Wed, 11 Dec 1996 08:41:11 -0600
From: Paul Stump <n01rf@computer-services.com>

Reply-To: n0lrf@computer-services.com
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7125] Ultimeter II and KPC-3
References: <199612110544.AAA04922@mail.nbn.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary Wells wrote:

>
> Has anyone had any success with an U-II and a KPC-3 as a stand alone WX
> station? Yes, I have read the APRS help files and (believe it or not) the
> KPC-3 manuals! I set the GPSHEAD parameter to "*",but the TNC doesn't
> store the string from the U-II in the LT buffer. The baud rates also match
> at 2400, the LPT and BLT parameters are set. It will beacon a test msg
> stored in LT buffer 2. Any ideas, anyone?

I had the EXACT same problem---until I realized that my 25-pin connector
was
wired wrong and WX data was not getting into the KPC-3. Seems like the
input
is an odd pin number---try pin 2 or pin 3 (I think)...

--
73, Paul, n0lrf@computer-services.com

From sproul@ap.org Wed Dec 11 08:46:11 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA03900 for <aprssig@tapr.org>; Wed, 11 Dec 1996 08:46:09 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id JAA11716; Wed, 11 Dec 1996 09:39:49 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007809aed47881563f@[165.1.27.20]>
In-Reply-To: <32AEC384.749@goodnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 11 Dec 1996 09:42:29 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: WinAPRS and NWS Offices....

I have added a lot of weather specific enhancements recently to WinAPRS,
weather graphs will be in shortly and there are lots more weather related
enhancements comming.

Mark

Mark Sproul | Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |

sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
<http://msproul.rutgers.edu/>

From wendysue@global2000.net Wed Dec 11 08:46:28 1996
Received: from mail.global2000.net (root@mail.global2000.net [198.69.121.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA03944 for <aprssig@tapr.org>; Wed, 11 Dec 1996 08:46:26 -0600 (CST)
Received: from test.global2000.net (dialup-114.global2000.net [205.247.145.184]) by mail.global2000.net (8.8.4/SecureMode) with SMTP id JAA06639 for <aprssig@tapr.org>; Wed, 11 Dec 1996 09:46:24 -0500
Message-ID: <32AEC93A.2B43@global2000.net>
Date: Wed, 11 Dec 1996 09:46:18 -0500
From: John M Dombrowski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: re:aprs in NWS office....
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All

Would you reply on the sig to the questions about this thread as to benefit as many of us as possible.

TNX & 73

John
--

John M Dombrowski N20JY
Wendy S Helm N2XXX
503 Middle Grove Rd
Middle Grove New York 12850-1107
518-584-6554
e <mailto:wendysue@global2000.net>

From dbbrumm@mtu.edu Wed Dec 11 08:51:15 1996
Received: from news.mtu.edu (news.mtu.edu [141.219.70.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA04317 for <aprssig@tapr.org>; Wed, 11 Dec 1996 08:51:14 -0600 (CST)
Received: from mtu.edu (mtu.edu [141.219.70.1]) by news.mtu.edu (8.6.13/8.6.12) with ESMTP id JAA18641 for <aprssig@tapr.org>; Wed, 11 Dec 1996 09:51:11 -0500
Received: from pobox.ee.mtu.edu (pobox.ee.mtu.edu [141.219.23.145]) by mtu.edu (8.6.13/8.6.12) with ESMTP id JAA26565 for <aprssig@tapr.org>; Wed, 11 Dec 1996 09:51:12 -0500
From: Douglas Brumm <dbbrumm@mtu.edu>

Received: from eefac-pc5.ee.mtu.edu (eefac-pc5.ee.mtu.edu [141.219.23.55]) by pobox.ee.mtu.edu (8.6.10/MTU-R1.4) with SMTP id JAA00593 for <aprssig@tapr.org>; Wed, 11 Dec 1996 09:50:04 -0500
Date: Wed, 11 Dec 1996 09:50:04 -0500
Message-Id: <961211095125.ZM4431@eefac-pc5.ee.mtu.edu>
In-Reply-To: Bob Bruninga <bruninga@nadm.navy.mil>
"[APRSSIG:7118] Re: Some little Tripmate stats" (Dec 10, 5:47pm)
References: <Pine.GS0.3.95.961210183306.4161C-100000@arctic>
X-Mailer: Z-Mail 4.0.1 (4.0.1 Apr 9 1996)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7118] Re: Some little Tripmate stats
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Dec 10, 5:47pm, Bob Bruninga wrote:
> Subject: [APRSSIG:7118] Re: Some little Tripmate stats
> On Tue, 10 Dec 1996, Gerald J Creager wrote:
>
> > Dick Mead sez:
> > >
> > > Current drain ON = 98Ma (approx)
> > > If the Tripmate is on and voltage is reduced from 6 to 5VDC,
current
> > > drain INCREASES to 120mA (approx)
> >
> > OK, so they used a low-drop regulator, and when you reduce it to 5
volts, it
> > gets a bit unhappy. If you didn't smoke the regulator, it sounds
like even
> > that was pretty well designed.
>
> APRSdos REPLY/COMMENT: No, I would say it is a DC/DC regulator that
> re-generates the DC.
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
> GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>
>-- End of excerpt from Bob Bruninga

Either a DC-DC converter or some types of low dropout regulators can have this type of behavior. Those two data points alone are not sufficient to be sure which type of regulator it has.

73,
Doug Brumm K8LHM Calumet, MI dbbrumm@mtu.edu

From n0lrf@computer-services.com Wed Dec 11 09:29:08 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA06115 for <aprssig@tapr.org>; Wed, 11 Dec 1996 09:29:06 -0600 (CST)
Received: from stump (port2.idtskc2.idir.net [204.189.69.101]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id JAA02278 for <aprssig@tapr.org>; Wed, 11

Dec 1996 09:29:21 -0600
Message-ID: <32AED3B0.500D@computer-services.com>
Date: Wed, 11 Dec 1996 09:30:56 -0600
From: Paul Stump <n0lrf@computer-services.com>
Reply-To: n0lrf@computer-services.com
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7130] Re: APRS and weather charts
References: <v03007805aed47148a45a@[165.1.27.20]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Sproul wrote:

> WinAPRS will have weather graphs built in shortly, these already exist in
> MacAPRS but we have not gotten the graphs ported to Windows yet.
>
> Mark

BLESS YOU oh great guru! THAT's what I really need...
Thanks,

--

73, Paul, n0lrf@amsat.org

From bob@ia-ngnet.army.mil Wed Dec 11 10:27:04 1996
Received: from ngbia5.ia-ngnet.army.mil (IA-NGNET.ARMY.MIL [132.96.5.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA08882 for <aprssig@tapr.org>; Wed, 11
Dec 1996 10:27:02 -0600 (CST)
Received: from ngbia2 by ngbia5.ia-ngnet.army.mil id aa09187;
11 Dec 96 10:24 CST
Received: from [132.96.50.133] by ngbia2.ia-ngnet.army.mil id aa25844; 11 Dec 96
10:28 CST
From: Bob Powers <bob@ia-ngnet.army.mil>
To: aprssig@tapr.org
MMDF-Warning: Parse error in original version of preceding line at ngbia5.ia-
ngnet.army.mil
Subject: Re: [APRSSIG:7127] Help with Pico Packet GPS
Date: Wed, 11 Dec 1996 10:26:55 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <9612111024.aa09187@ngbia5.ia-ngnet.army.mil>

Hasan,

I don't have that info with me here at work, but do at home. I have a Pico
also but haven't messed with it to much lately and can never remember the
commands. I think I have a file/script that I use in my commo program to

set it up for tracker mode.

Bob Powers

Amateur Radio Operator - N0YKX

Internet: bob@ia-ngnet.army.mil (primary)
n0ykx@juno.com (secondary)

Packet: n0ykx@ki0q

| Like a dummy, I misplaced my manual. My PICO has dropped out of GPS mode
| while in the car in stand alone mode. I can't recall the command to put
| it
| back into gps mode.

From askchan@HK.Super.NET Wed Dec 11 11:12:53 1996

Received: from hk.super.net (root@hk.super.net [202.14.67.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA10397 for <aprssig@tapr.org>; Wed, 11 Dec 1996
11:12:50 -0600 (CST)

Received: from 202.64.24.169 (max8-169.hk.super.net [202.64.24.169]) by
hk.super.net (8.7.6/8.7.1) with SMTP id BAA02545 for <aprssig@tapr.org>; Thu, 12
Dec 1996 01:12:39 +0800 (HKT)

Message-ID: <32AECD6.6474@hk.super.net>

Date: Thu, 12 Dec 1996 01:18:17 +0800

From: Chan Siu Kwing Albert <askchan@HK.Super.NET>

X-Mailer: Mozilla 3.0Gold (Macintosh; I; PPC)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Garmin GPS20 Problem

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello everybody!

I live on a compartment type building in Hong Kong and I had bought a
GPS 20 from TAPR. Only one side of my flat open to air and here I setup
a Maldol HDX-30 wide band antenna (100Mhz - 1500Mhz) to the GPS 20. I
had tried both the GPSy and MacAPRS GPS related program. I get nothing
from the GPSy and I saw that the percentage good box increased at the
heads up display from the MacAPRS at the first time. But after that I
got nothing change again. I had tried the programs many times and at
different time slot. I make sure that both the program receive data from
the GPS. Below is some data collected from a NMEA log:

\$GPRMC,165546,V,,,,,,111296,,*38

\$GPGGA,165546,,,,,0,00,,,M,,M,,*63

\$GPGSA,A,1,,,,,,,,,,,,,*1E

\$GPGSV,1,1,01,03,00,000,,,,,,,,,,,,,*4B

\$PGRME,,,,,*4D

\$GPVTG,,T,,M,,N,,K*4E

Only the time field changes all the time. Does the GPS 20 have problem
or I collect no data from the air under my testing condition?

From hilman@camosun.bc.ca Wed Dec 11 11:18:42 1996
Received: from ccins.camosun.bc.ca (ccins.camosun.bc.ca [204.174.56.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10799 for <aprssig@tapr.org>; Wed, 11
Dec 1996 11:18:40 -0600 (CST)
Received: from hilman.cs.camosun.bc.ca by ccins.camosun.bc.ca;
(5.65v3.2/1.1.8.2/26Apr96-1024PM)
id AA11374; Wed, 11 Dec 1996 09:18:39 -0800
Message-Id: <32AF957A.3954@camosun.bc.ca>
Date: Wed, 11 Dec 1996 21:17:46 -0800
From: Don Hilman <hilman@camosun.bc.ca>
X-Mailer: Mozilla 3.0 (Win95; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Software for APRS and Weather
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have read several recent messages from individuals doing various
interfaces to APRS. I am an instructor of computer Science and sponsor
our College Station VE7CCD . We have undertaken to write a variety of
APRS interface code as part of an interfacing course I teach. This
quarter just finishing we have created a few useful tools for sig members
and when I learn how to properly post them I will FTP them to the site.

The code so far ,(and source will be included) is as follows:

A general NMEA 0183 test program for Win95..written in C++
This program allows you to view raw data from any NMEA 0183
device for
testing purposes.

A Davis instruments interface to most any other O/S..reads Davis data
and re formats it for display in a variety of GUI's. So far the GUI
support includes WIn95 and QNX (Photon).

Programs still being worked on but will conclude in the Spring include
a JAVA based display for wind instrument data. The APRS piece is still
being written.

Real time Internet posting of aprs data using a more detailed map
overlay (in color) from a Canadian digital chart family. Weather
instrument interfaces will also be included and are expected to support
the Ultimeter and Davis as a start. Various incarnations of this
software will be posted on our WEB site after Christmas break. I will
post the URL after the site has been tested.

Merry Christmas to all

VE7FBI

All software is caveat emptor as it is student code but is of quite
good quality in my opinion and represents a great place to start for
SIG members interested in software but are having a difficult time

getting off the mark.

From lesowles@tgis.co.uk Wed Dec 11 11:23:42 1996
Received: from tgis.co.uk (root@galahad.tgis.co.uk [195.188.4.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10934 for <aprssig@tapr.org>; Wed, 11 Dec 1996 11:23:39 -0600 (CST)
Received: from default (dl01.tgis.co.uk [195.188.4.101]) by tgis.co.uk (8.6.12/8.6.9) with ESMTP id RAA06236; Wed, 11 Dec 1996 17:23:47 GMT
Posted-Date: Wed, 11 Dec 1996 17:23:47 GMT
Message-Id: <199612111723.RAA06236@tgis.co.uk>
From: "Les Owles" <lesowles@tgis.co.uk>
To: <aprssig@tapr.org>
Cc: <alan@niplag.demon.co.uk>
Subject: Digest is good!
Date: Wed, 11 Dec 1996 17:21:17 -0000
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi,

I saw a couple of messages on the sig recently about using "digest" mode on

TAPR . I am using Win95 Internet Mail program, trouble was the "find" facility would only search the message that was currently on display (Eudora didn't have this restriction) . However, if you opt for "digest" on the sig you receive one long bulletin that contains the listing and then the message contents, if you now use the "find" facility the program will search the current "digest" for any keyword . Very usefull if you need to refer to someone or something but can't recall where it was you saw it. Not sure how big the digest gets before it splits into parts though.

--

Les Owles [G4IRJ]
e-mail lesowles@tgis.co.uk
Packet G4IRJ @ GB7RDG

From cbuttsch@slonet.org Wed Dec 11 11:32:10 1996
Received: from oso.slonet.org (cbuttsch@oso.slonet.org [207.114.180.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA11239 for <aprssig@tapr.org>; Wed, 11 Dec 1996 11:32:09 -0600 (CST)
Received: from localhost (cbuttsch@localhost) by oso.slonet.org (8.7.6/8.7.3) with SMTP id JAA24285; Wed, 11 Dec 1996 09:29:49 -0800 (PST)
Date: Wed, 11 Dec 1996 09:29:49 -0800 (PST)
From: Clifford Buttschardt <cbuttsch@slonet.org>
To: aprssig@tapr.org
cc: jkozok@erols.com
Subject: Re: [APRSSIG:7128] Guttred Windows for 386
In-Reply-To: <199612111402.JAA26360@smtp1.erols.com>
Message-ID: <Pine.GSO.3.95.961211092755.23334A-100000@oso.slonet.org>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

As you, I am interested in knowing of those files. You might post them here if your server is giving difficulty...Cliff K7RR

On Wed, 11 Dec 1996, John W. Kozak wrote:

```
> Joe Scalet wrote...
>
> >For those who might be interested I have Street Atlas 4 and the
> >Tripmate GPS running on a 386/SL25 Compudyne, 8mb ram, 80mb hard drive. I
> >have two states loaded (KS & MO). I had to gut Windows and DOS to do it
> >and maintain a large enough swap file on the disk. I am not using Double
> >Space ( too slow ). If you want a list of the required files drop me a
> >private message ( not to the sig) and I'll forward it.
>
> Joe,
>
> I would like to see your list of files, but any mail I send to you gets
> returned as undeliverable...
>
> John Kozak; N3AGG
> jkozak@erols.com
>
>
```

From PEPLASTERS@mail.rkd.snds.com Wed Dec 11 11:41:48 1996
Received: from aero.snds.com (aero.snds.com [198.81.195.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA11845 for <aprssig@tapr.org>; Wed, 11 Dec 1996
11:41:46 -0600 (CST)
Received: by aero.snds.com id AA09750
(InterLock SMTP Gateway 3.0 for aprssig@tapr.org);
Wed, 11 Dec 1996 11:41:44 -0600
Received: by aero.snds.com (Protected-side Proxy Mail Agent-2);
Wed, 11 Dec 1996 11:41:44 -0600
Received: by aero.snds.com (Protected-side Proxy Mail Agent-1);
Wed, 11 Dec 1996 11:41:44 -0600
Message-Id: <s2ae9e1d.014@mail.rkd.snds.com>
X-Mailer: Novell GroupWise 4.1
Date: Wed, 11 Dec 1996 11:40:07 -0600
From: Paul Plasters <PEPLASTERS@mail.rkd.snds.com>
To: aprssig@tapr.org
Subject: APRS KPC-3
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

I am getting "HSP TIMED OUT" when I press F8. It does this using the Kantronics HSP cable, and it also does it using Joe Agrelo's Multi port adaptor. Both previously worked. Any ideas? Paul WA9FFL Email to wa9ffl@aol.com

From eac@shore.net Wed Dec 11 12:15:45 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA13591 for <Aprssig@Tapr.Org>; Wed, 11 Dec 1996 12:15:44 -0600 (CST)
Received: from northshore.shore.net (root@shell11.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id NAA12476; Wed, 11 Dec 1996 13:15:42 -0500 (EST)
Received: from pm2-92 (pm2-92.lynnma.shore.net [204.167.109.92]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id NAA06196; Wed, 11 Dec 1996 13:15:39 -0500 (EST)
MIME-Version: 1.0
Date: Wed, 11 Dec 1996 13:25:04 -0400
To: dbbrumm@mtu.edu
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7135] Re: Some little Tripmate stats
Message-Id: <850328704-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <850328704-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

The tripmate uses The Maxium MAX763A DC-DC converter with 3.3 volt output.

73 Eric eac@shore.net

From n0lrf@amsat.org Wed Dec 11 13:11:08 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA15919 for <aprssig@tapr.org>; Wed, 11 Dec 1996 13:11:05 -0600 (CST)
Received: from stump (port46.idtskc1.idir.net [204.189.69.205]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id NAA06770 for <aprssig@tapr.org>; Wed, 11 Dec 1996 13:11:21 -0600
Message-ID: <32AF07B6.7A65@amsat.org>
Date: Wed, 11 Dec 1996 13:12:54 -0600
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7138] Garmin GPS20 Problem
References: <32AEECD6.6474@hk.super.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chan Siu Kwing Albert wrote:

> I live on a compartment type building in Hong Kong and I had bought a
> GPS 20 from TAPR. Only one side of my flat open to air and here I setup
> a Maldol HDX-30 wide band antenna (100Mhz - 1500Mhz) to the GPS 20. I

I would suspect your antenna is not suited for circular polarized GPS

signals...maybe...

73, Paul, n0lrfr@amsat.org

From ki5vm@flash.net Wed Dec 11 13:23:38 1996

Received: from endeavor (endeavor.flash.net [208.194.223.40]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16303 for <aprssig@tapr.org>; Wed, 11 Dec 1996 13:23:36 -0600 (CST)

Received: from ki5vm.flashnet.com (iasc3-167.flash.net [207.181.204.167]) by endeavor (8.8.3/8.6.9) with SMTP id NAA25678 for <aprssig@tapr.org>; Wed, 11 Dec 1996 13:22:54 -0600 (CST)

Message-ID: <32AF0A32.7E29@flash.net>

Date: Wed, 11 Dec 1996 13:23:30 -0600

From: "David W. McNeil" <ki5vm@flash.net>

Reply-To: ki5vm@flash.net

Organization: a.r.s. KI5VM

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7141] Re: Gutted Windows for 386

References: <Pine.GS0.3.95.961211092755.23334A-1000000@oso.slonet.org>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Clifford Buttschardt wrote:

>

> As you, I am interested in knowing of those files. You might post them
> here if your server is giving difficulty...Cliff K7RR

>

> On Wed, 11 Dec 1996, John W. Kozak wrote:

>

> > Joe Scalet wrote...

> >

> > >For those who might be interested I have Street Atlas 4 and the

> > >Tripmate GPS running on a 386/SL25 Compudyne, 8mb ram, 80mb hard drive. I
...snip..

For those having difficulty in obtaining this list.

There is a typo in the return address.

should be jscalet@sound.net .

de Dave KI5VM

ki5vm@flash.net

From sdimse@bridge.net Wed Dec 11 13:47:44 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16987 for <aprssig@tapr.org>; Wed, 11 Dec 1996 13:47:42 -0600 (CST)

Received: from [207.16.5.155] (ppp-mia4-155.bridge.net [207.16.5.155]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id OAA21460 for <aprssig@tapr.org>; Wed, 11 Dec 1996 14:47:22 -0500 (EST)

Message-Id: <199612111947.OAA21460@newworld.bridge.net>

Subject: Re: [APRSSIG:7132] Re: Ultimeter II and KPC-3

Date: Wed, 11 Dec 96 14:47:23 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>> Has anyone had any success with an U-II and a KPC-3 as a stand alone WX
>> station? Yes, I have read the APRS help files and (believe it or not) the
>> KPC-3 manuals! I set the GPSHEAD parameter to "*",but the TNC doesn't
>> store the string from the U-II in the LT buffer. The baud rates also match
>> at 2400, the LPT and BLT parameters are set. It will beacon a test msg
>> stored in LT buffer 2. Any ideas, anyone?

>

>I had the EXACT same problem---until I realized that my 25-pin connector
>was
>wired wrong and WX data was not getting into the KPC-3. Seems like the
>input
>is an odd pin number---try pin 2 or pin 3 (I think)...

>

Actually, what this is about is DCE vs DTE, sort of the electrical
equivalent of male and female connectors. Both the U-II and KPC are DCE
(Data Communications Equipment). Normally a DCE is attached to a DTE
(Data Terminal Equipment) like a computer. To connect two DCE's you need
to use a null modem cable, which flips pins 2 and 3. Using a regular
RS-232 cable connects the two inputs to each other, and the two outputs
together, so nothing works.

Null modem cables flip several other lines as well, but for this
application you only need to connect pin 3 on the U-II cable to pin 2 on
the TNC, and of course signal ground, pin 7 on each.

Radio Shack sells a null modem adapter you can use with a regular cable,
or you can buy a null modem cable, or wire your own.

Steve K4HG

From kinahan@cassatt.Mass-USR.COM Wed Dec 11 14:50:18 1996
Received: from lucius.ultra.net (lucius.ultra.net [199.232.56.38]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA19965 for <aprssig@tapr.org>; Wed, 11 Dec 1996
14:50:06 -0600 (CST)
Received: from cassatt (cassatt.mass-usr.com [146.115.120.199]) by
lucius.ultra.net (8.7.4/ult1.05) with SMTP id NAA09391; Wed, 11 Dec 1996 13:05:27
-0500 (EST)
Received: from Marconi.mass-usr.com by cassatt (5.x/SMI-SVR4)
id AA16024; Wed, 11 Dec 1996 13:04:33 -0500
Message-Id: <3.0.32.19961211130255.006c79a4@cassatt>
X-Sender: kinahan@cassatt
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Wed, 11 Dec 1996 13:04:06 -0500
To: aprssig@tapr.org
From: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>
Subject: W10N-3 Gate now QRT
Cc: n1cpe@amsat.org, aps@ieee.org, bruce@testware.com, aardvark@krl.com,

eparish@netcom.com, eric@waaf.com, jorvedahl@aol.com,
koisj@ziplink.net, jgarrett@world.std.com,
neil%starfleet.bbn.com@bbn.com, phil@temples.com,
amirault@laraby.tiac.net, pozerss@polaroid.com,
schwarm@spectre.mitre.org, kd1sm@ziplink.net, n1qpr@amsat.org,
n1kxj@juno.com, isham@jeremy.ecs.umass.edu

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

The trustee of W10N reported to me that the W10N-3 gateway is currently QRT (the HF transceiver has been powered off). Shortly, they'll take a look at fixing whatever software is in there and returning it to operation, we expect, in a more friendly mode.

Thanks for everyone's patience.

- Tom Kinahan N1CPE

Tom Kinahan	Phone:	508-871-0305
US Robotics	Fax:	508-870-1689
Massachusetts R&D Lab	Email:	kinahan@mass-usr.com
4 Technology Drive	Amateur Radio:	N1CPE
Westboro, Ma. 01581		

From tkealey@mdc.com Wed Dec 11 15:10:12 1996

Received: from unknown (SVMAIL03.MDC.COM [130.38.186.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA20646 for <aprssig@tapr.org>; Wed, 11 Dec 1996 15:10:11 -0600 (CST)

Received: from mdc.com by unknown with SMTP

(1.37.109.20/16.2) id AA277468690; Wed, 11 Dec 1996 15:11:30 -0600

Received: from GWXSL002-Message_Server by mdc.com

with Novell_GroupWise; Wed, 11 Dec 1996 15:11:29 -0600

Message-Id: <s2aecf21.018@mdc.com>

X-Mailer: Novell GroupWise 4.1

Date: Wed, 11 Dec 1996 15:07:19 -0600

From: Terrance Kealey <tkealey@mdc.com>

To: aprssig@tapr.org

Subject: Re: Garmin GPS20 Problem

>From what you have stated, you have two potential problems that will inhibit satellite acquisition. First, you need to get an antenna designed specifically for GPS. I am not familiar with your wideband antenna, but it does not have the gain required for GPS. The GPS signal is at 1575 MHz and is circularly polarized. You can make a simple 1/4 wave antenna that is 4.8 cm long. This type of antenna would have 3 dB polarization loss, but would be far better than your wideband antenna.

The second problem is your view of the sky. If you do have building obstructions, try placing the antenna on the south side of the building if possible. At your location, the worst satellite coverage is to the north.

Terry, KI0BF

>>> Chan Siu Kwing Albert <askchan@HK.Super.NET> 12/11/96

11:17am >>>

Hello everybody!

I live on a compartment type building in Hong Kong and I had bought a GPS 20 from TAPR. Only one side of my flat open to air and here I setup a Maldol HDX-30 wide band antenna (100Mhz - 1500Mhz) to the GPS 20.

From n0lrf@amsat.org Wed Dec 11 15:52:04 1996

Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA22885 for <aprssig@tapr.org>; Wed, 11 Dec 1996 15:51:56 -0600 (CST)

Received: from stump (port24.idtskc1.idir.net [204.189.69.227]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id PAA10265 for <aprssig@tapr.org>; Wed, 11 Dec 1996 15:52:12 -0600

Message-ID: <32AF2D69.3FC0@amsat.org>

Date: Wed, 11 Dec 1996 15:53:45 -0600

From: Paul Stump <n0lrf@amsat.org>

X-Mailer: Mozilla 3.01 (WinNT; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7147] W10N-3 Gate now QRT

References: <3.0.32.19961211130255.006c79a4@cassatt>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Tom Kinahan wrote:

>

> W10N-3 gateway is currently QRT

>

> Thanks for everyone's patience.

>

> - Tom Kinahan N1CPE

Thank YOU for your help, Tom.

--

73, Paul, n0lrf@amsat.org

From schiers@ames.net Wed Dec 11 16:16:13 1996

Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA23712 for <aprssig@tapr.org>; Wed, 11 Dec 1996 16:16:12 -0600 (CST)

From: schiers@ames.net

Received: from HASAN (smtp.nevia.net [206.29.127.242]) by brain.ames.net (8.6.12/8.6.9) with SMTP id QAA28211 for <aprssig@tapr.org>; Wed, 11 Dec 1996 16:14:30 -0600

Message-Id: <199612112214.QAA28211@brain.ames.net>

Date: Wed, 11 Dec 96 16:15:19 -0600

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7147] W10N-3 Gate now QRT
In-Reply-To: <3.0.32.19961211130255.006c79a4@cassatt>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <3.0.32.19961211130255.006c79a4@cassatt>, on 12/11/96 at 02:55 PM,
Tom Kinahan <kinahan@cassatt.Mass-USR.COM> said:

> Thanks for everyone's patience.

Your a prince, Tom. Thanks...and you make great modems. I
have 3...two 33.6K Sporters and one V.Everything flash rom.
Can't wait to get the X2 code for it! 73

hasan schiers, NOAN

schiers@ames.net

From jscalet@sound.net Wed Dec 11 21:02:55 1996
Received: from guitar.sound.net (guitar.sound.net [205.242.192.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA04357 for <aprssig@tapr.org>; Wed, 11 Dec 1996
21:02:54 -0600 (CST)
Received: from jscalet (max5-126.sound.net [205.242.205.126]) by guitar.sound.net
(8.8.3/8.7.4) with SMTP id UAA03503 for <aprssig@tapr.org>; Wed, 11 Dec 1996
20:55:47 -0600 (CST)
Message-ID: <32AF74C0.4044@sound.net>
Date: Wed, 11 Dec 1996 20:58:08 -0600
From: Joe Scalet <jscalet@sound.net>
Reply-To: jscalet@sound.net
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Compacted W3.1 and DOS
Content-Type: multipart/mixed; boundary="-----7DB92396B2A"

This is a multi-part message in MIME format.

-----7DB92396B2A
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've had so many requests for my proceedure to get Street Atlas 4 loaded
and running on my laptop with 80mb drive that I've decided to post it
here. This is very much a work in progress and any further input would
be appreciated. Please understand that the purpose of this is to get one
program , Street ATLAS 4 with GPS, running on a laptop that is available
because no longer is usefull with the current generation of software. At
one time I had a list of the files that Win 3.0 required but it is out
of date. I've been unable to get a similar list for W3.1X or for the 32
bit extensions.

The attached file lists the current setup. I would imagine that this
would also be usefull for WINAPRS to allow space for more files.

A note of caution ! If you experiment move the files you want to remove to a temporary directory first and then reload Windows and test your software. Good Luck @ 73 Joe WK0G

-----7DB92396B2A

Content-Type: text/plain; charset=us-ascii; name="Mincfg.txt"

Content-Transfer-Encoding: 7bit

Content-Disposition: inline; filename="Mincfg.txt"

I'm sorry for the mis typed address it should have been jsaclet@sound.net. I've delayed sending this document because I went ahead and upgraded to WFW3.11 on my laptop because I wanted to try the later video drivers. The setup for W3.1 and WFW 3.11 is the same. Initially I did the remote install as delineated in the readme file in the SA Program folder. I think it would be easier to Install on an old machine or partition and copy it over (something you can do with W3.1X but not W95.

Here's the good news I have got Windows 3.1X down to about 17.6mb complete. Dos takes about 306K at a minimum. SA4 takes about 4.6mb and the REFNC and ZIP directories under ATLAS4 take about 12mb. This comes to about 34.5mb before you load any files in the MAPDATA sub directory.

Here's the bad news (sort of) you still need at least 6mb to 7mb for a swap file. Windows 3.1 really complains if you try to create a swap file bigger than half the available space. WFW3.11 is slightly more accommodating. This means that you will probably need 11mb to 12mb free to create the desired 10mb swap file. SA4 will work with a smaller swap file but sometimes it will leave out some of the map detail.

You can of course use doublespace. This cuts the overhead from the wasted clusters (i.e. a 500 byte file takes 2048 bytes) but you pay a speed penalty and most of the SA4 stuff is pretty compressed anyway.

What I did:

My laptop has an 80mb hard drive and I wanted Kansas and Missouri on it for a total of about 37mb. The first thing I did was eliminate everything from my laptop besides dos and windows. As you can see from the config.sys and autoexec.bat listings it is a minimal setup. I then erased everything from the DOS sub. that was not referenced in either of these files. Before I did this I copied DEFRAG and SCANDISK to a floppy -YOU WILL NEED THESE !

I then did the remote install as directed by DeLorme. Once this was done I went into W3.1x and set the swap file to none and removed all of the various groups and items except Control Panel and Street Atlas. I then left windows and started deleting the obvious stuff (i.e. recorder,etc.). Now I had enough space to load the MAPDATA, REFNC and ZIP directors to ATLAS4. I then ran

Next I ran ScanDisk from the floppy to recover any lost sectors and then ran DEFRAG (also from the floppy) to free up all of the available space into one contiguous block so that Windows can use it for a swap file. I then

reentered W3.1x and ran 386enh and manually set the swap file as large as it would let me. The next step was to restart Windows and see if it worked.

The next process was to create a temporary subdirectory and move stuff to it and then see if SA4 would run without it. For instance you can delete all of the FON,FOT and TTP files in the system subdirectory. SA4 will look strange and the street labels will not be parallel to the streets but it will run. (BTW, the ARIAL fonts are the ones that allow the lettering to be correct. erasing all of the required fonts will save 688k.

I'm still playing with it. The WIN32S sub has 3.4mb of files and I'm sure not all of them are required. I believe some more of the DLL's and OLE files can be eliminated also. I think you might be able to save another 3mb or 4mb. If you want to run other programs besides SA4 start adding them after you get SA4 running. If they complain about missing a file you can add it then.

IMPORTANT- everytime you delete a file and confirm that SA4 still runs do a SWAP file to 0/DEFRAG/reset SWAP file to max procedure untill you achieve the magic 10mb swap file size. AGAIN IT WILL RUN WITH A 6mb or 7mb FILE BUT 10 IS DEFINETLY BETTER>

Following are my CONFIG.SYS, AUTOEXEC.BAT files and the DOS, WINDOWS, SYSTEM and WIN32S SUBDIRECTORIES.

MY CONFIG.SYS

```
DEVICE=C:\DOS\HIMEM.SYS
DEVICE=C:\DOS\EMM386.EXE NOEMS
buffers=40,0
files=60
dos=UMB
LASTDRIVE=E
FCBS=16,0
DEVICEHIGH /L:2,12048 =C:\DOS\SETVER.EXE

dos=high
STACKS=9,256
```

MY AUTOEXEC.BAT

```
@ECHO OFF
CLS
PROMPT $p$g
LH /L:2,13984 C:\DOS\share.exe /f:4096 /l:25
LH /L:0;1,43936 /S C:\WINDOWS\SMARTDRV.EXE
SET PATH=C:\;C:\WINDOWS;C:\DOS
SET TEMP=C:\TEMP
IF EXIST C:\TEMP\*.TMP DEL C:\TEMP\*.TMP
C:
CD\CLUTILS
vgaconf attremul <<<<<<< MY LAPTOPS VIDEO DRIVER !!!!!
CD C:\
WIN
```

WHATS IN MY DOS SUB

EMM386	EXE	120,926	02-13-94	6:21a
HIMEM	SYS	29,136	02-13-94	6:21a
SETVER	EXE	12,015	02-13-94	6:21a
SHARE	EXE	10,912	02-13-94	6:21a
7 file(s)		172,989 bytes		
		645,120 bytes free		

MY WINDOWS SUB

GPS	INI	164	12-11-96	1:34p
CONTROL	EXE	15,872	11-01-93	3:11a
CONTROL	INI	3,982	12-11-96	9:24a
DELORME	GRP	2,318	12-11-96	4:36p
WINFILE	EXE	170,464	11-01-93	3:11a
IMAGEMAN	DLL	28,384	11-24-93	2:00a
IMGBMP	DIL	7,504	11-24-93	2:00a
IMGGIF	DIL	9,824	11-24-93	2:00a
IMGPCX	DIL	15,856	11-24-93	2:00a
IMGTGA	DIL	9,728	11-24-93	2:00a
IMGTIFF	DIL	38,336	11-24-93	2:00a
MAIN	GRP	5,902	12-11-96	4:36p
MOUSE	INI	24	04-06-92	12:00p
NCDINFO	INI	0	12-11-96	8:12a
ODBC	INI	252	12-09-96	1:04p
ODBCDDP	INI	44	12-09-96	1:04p
ODBCINST	INI	181	12-10-96	2:12p
PROGMAN	EXE	115,312	11-01-93	3:11a
PROGMAN	INI	216	12-11-96	4:36p
REG	DAT	22,020	12-11-96	8:34a
SA4	INI	1,235	12-11-96	4:36p
SA4_DRAW	INI	0	09-30-96	2:35p
SA4_WKSP	INI	416	12-09-96	8:30p
SERIALNO	INI	146	12-11-96	8:13a
SHARES	PWL	622	12-11-96	8:34a
SMARTDRV	EXE	45,145	11-01-93	3:11a
SYSTEM	INI	2,357	12-11-96	12:49p
TASKMAN	EXE	3,744	11-01-93	3:11a
UGPS32	INI	128	12-11-96	12:39p
WIN	INI	4,619	12-11-96	12:49p
WIN	COM	50,904	12-11-96	12:49p
WINGEN	DRV	15,168	06-11-93	1:23a
WININIT	EXE	26,615	11-01-93	3:11a
WINLOGO	BMP	38,518	03-02-92	10:46a
WINSETUP	EXE	196,960	11-11-93	3:11a
SPART	PAR	268	12-11-96	12:31p
START	GRP	801	12-11-96	4:36p
40 file(s)		834,029 bytes		
		2,533,376 bytes free		

MY SYSTEM SUB

AB	DLL	97,600	11-01-93	3:11a
APPS	INF	57,961	11-01-93	3:11a
ARIAL	TTF	65,692	11-01-93	3:11a
ARIAL	FOT	1,306	11-01-93	3:11a
ARIALBD	FOT	1,308	11-01-93	3:11a
ARIALBD	TTF	66,080	11-01-93	3:11a
ARIALBI	TTF	71,880	11-01-93	3:11a
ARIALBI	FOT	1,322	11-01-93	3:11a
ARIALI	FOT	1,312	11-01-93	3:11a
ARIALI	TTF	61,656	11-01-93	3:11a
ATM32	DLL	168,976	10-28-92	2:50a
ATMSYS	DRV	10,368	10-28-92	2:50a
LPT	386	5,917	11-01-93	3:11a
CGA40WOA	FON	6,336	11-01-93	3:11a
CGA80WOA	FON	4,304	11-01-93	3:11a
CMC	DLL	70,048	11-01-93	3:11a
COMM	DRV	5,968	11-01-93	3:11a
COMMCTRL	DLL	48,112	11-01-93	3:11a
COMMDLG	DLL	97,936	11-11-93	3:11a
COMPOBJ	DLL	109,056	09-06-95	12:00a
COUR	FOT	1,318	11-01-93	3:11a
COURBD	FOT	1,320	11-01-93	3:11a
COURBI	FOT	1,334	11-01-93	3:11a
COURE	FON	23,408	11-01-93	3:11a
COURI	FOT	1,324	11-01-93	3:11a
CPN16UT	DLL	3,264	06-07-95	3:53p
CPWIN386	CPL	111,760	11-01-93	3:11a
CTL3D	DLL	26,768	07-13-95	6:43p
CTL3D32	DLL	26,624	07-13-95	6:48p
CTL3DV2	DLL	27,632	08-16-93	12:00a
DAO2516	DLL	543,584	08-15-95	12:00a
DDEML	DLL	38,912	11-01-93	3:11a
DEMILAYR	DLL	48,304	11-01-93	3:11a
DIB	DRV	29,536	11-24-93	2:00a
DMCOLOR	DLL	18,480	03-02-92	10:54a
DOSX	EXE	32,682	11-01-93	3:11a
DRIVERS	CPL	41,440	11-01-93	3:11a
DSSOCK	VBX	21,024	12-03-95	12:50p
DSWAP	EXE	27,474	03-02-92	10:44a
EGA40WOA	FON	8,368	11-01-93	3:11a
EGA80WOA	FON	5,312	11-01-93	3:11a
FINSTALL	DLL	200,368	03-02-92	10:54a
OLE2	DLL	304,640	09-06-95	12:00a
GDI	EXE	220,800	11-11-93	3:11a
IFSMGR	386	65,625	11-01-93	3:11a
IOS	386	28,352	11-01-93	3:11a
KEYBOARD	DRV	7,568	11-01-93	3:11a
KRNL386	EXE	76,400	11-11-93	3:11a
LM21DRV	UPD	920	11-01-93	3:11a
OLE2	REG	28,113	04-16-95	12:00a
OLE2CONV	DLL	57,328	11-18-94	12:00a
OLE2DISP	DLL	165,008	07-25-95	12:00a

OLE2NLS	DLL	152,976	07-25-95	12:00a
OLE2PROX	DLL	51,712	09-06-95	12:00a
OLECLI	DLL	82,944	11-01-93	3:11a
LZEXPAND	DLL	23,712	11-01-93	3:11a
USER	EXE	264,096	12-11-96	8:13a
OLECLI	W31	83,456	03-02-92	10:44a
MAIN	CPL	148,592	11-01-93	3:11a
MAPI	DLL	54,384	11-01-93	3:11a
MFC40	DLL	921,872	02-28-96	7:53a
MMSOUND	DRV	3,440	11-01-93	3:11a
MMSYSTEM	DLL	61,648	11-01-93	3:11a
MMTASK	TSK	1,104	11-01-93	3:11a
MODERN	FON	8,704	11-01-93	3:11a
MOUSE	DRV	10,672	11-01-93	3:11a
MSAJT200	DLL	995,136	08-15-95	12:00a
MSCPXLT	DLL	10,304	07-12-94	12:00a
MSJETERR	DLL	11,232	11-18-94	12:00a
MSJETINT	DLL	15,936	11-18-94	12:00a
MSSFS	DLL	266,464	11-01-93	3:11a
OLEPRO32	DLL	74,000	02-28-96	6:51a
OLESVR	DLL	24,064	11-01-93	3:11a
NCDW	DLL	41,264	11-11-93	3:11a
NDDEAPI	DLL	16,096	11-01-93	3:11a
NETWORK	INF	58,618	11-01-93	3:11a
OC25	DLL	536,048	08-15-95	12:00a
ODBC	DLL	56,240	12-07-94	12:00a
ODBC16UT	DLL	5,792	06-07-95	3:53p
ODBC32	DLL	12,288	06-07-95	3:53p
ODBCCP32	DLL	5,632	02-07-96	9:16a
ODBCCURS	DLL	88,896	12-07-94	12:00a
ODBCINST	DLL	92,576	12-07-94	12:00a
ODBCJT16	DLL	246,928	11-18-94	12:00a
ODBCTL16	DLL	64,080	11-18-94	12:00a
MSVCRT40	DLL	322,048	02-07-96	12:25p
PABNSP	DLL	44,672	11-01-93	3:11a
RMM	D32	11,894	11-01-93	3:11a
ROMAN	FON	13,312	11-01-93	3:11a
SCONFIG	DLL	45,120	11-01-93	3:11a
SCP	DLL	12,976	08-15-95	12:00a
SCRIPT	FON	12,288	11-01-93	3:11a
SERIAL	386	11,112	11-01-93	3:11a
SERIFE	FON	57,936	11-01-93	3:11a
SETUP	REG	4,043	11-01-93	3:11a
SETUP	INF	57,638	11-11-93	3:11a
SHELL	DLL	40,944	11-01-93	3:11a
SHWIND20	DLL	18,400	11-04-94	6:10a
SMALLE	FON	26,112	11-01-93	3:11a
SND	CPL	8,192	11-01-93	3:11a
SOUND	DRV	3,440	11-01-93	3:11a
SSERIFE	FON	64,544	11-01-93	3:11a
STDOLE	TLB	5,472	07-25-95	12:00a
STORAGE	DLL	157,696	03-02-95	12:00a
STORE	DLL	235,072	11-01-93	3:11a

SVGA256	DRV	117,440	11-11-93	3:11a
SYMBOL	FOT	1,308	11-01-93	3:11a
SYMBOLE	FON	56,336	11-01-93	3:11a
SYSEDIT	EXE	19,472	11-01-93	3:11a
SYSTEM	DRV	2,304	11-01-93	3:11a
TEMP	FIL	36,864	03-02-92	10:44a
TIMER	DRV	4,192	11-01-93	3:11a
TIMES	FOT	1,326	11-01-93	3:11a
TIMESBD	FOT	1,328	11-01-93	3:11a
TIMESBI	FOT	1,342	11-01-93	3:11a
TIMESI	FOT	1,332	11-01-93	3:11a
TOOLHELP	DLL	14,128	11-01-93	3:11a
TYPELIB	DLL	177,824	07-25-95	12:00a
UGPS32S	OCX	75,776	12-02-96	11:19a
UNIDRV	DLL	128,432	11-01-93	3:11a
VAEN2	OLB	41,124	11-18-94	12:00a
VAEN21	OLB	35,200	08-15-95	12:00a
VB40016	DLL	935,632	08-15-95	12:00a
VBAJET	DLL	2,920	08-15-95	12:00a
VBAR2	DLL	298,880	11-18-94	12:00a
VBDB16	DLL	86,848	08-15-95	12:00a
VCACHE	386	9,862	11-01-93	3:11a
VCOMM	386	5,688	11-01-93	3:11a
VDDSVGA	386	47,166	11-01-93	3:11a
VER	DLL	9,696	11-01-93	3:11a
VFAT	386	32,925	11-01-93	3:11a
VFORMS	DLL	143,264	11-01-93	3:11a
VGA	3GR	16,384	11-01-93	3:11a
VGA	DRV	73,200	11-01-93	3:11a
VGACOLOR	2GR	4,484	03-02-92	10:46a
VGADIB	3GR	15,360	11-01-93	3:11a
VGAFIX	FON	5,360	11-01-93	3:11a
VGALOGO	RLE	35,784	11-01-93	3:11a
VGALOGO	LGO	1,280	11-01-93	3:11a
VGAOEM	FON	5,168	11-01-93	3:11a
VGASYS	FON	7,280	11-01-93	3:11a
VPMTD	386	5,653	11-01-93	3:11a
VSHARE	386	14,925	11-01-93	3:11a
VTDAPI	386	5,245	11-01-93	3:11a
VXDLDLDR	386	5,678	11-01-93	3:11a
W32SYS	DLL	12,112	09-06-95	12:00a
WIN	CNF	13,840	11-11-93	3:11a
WIN32S	INI	143	12-09-96	12:58p
WIN32S16	DLL	167,424	09-06-95	12:00a
WIN386	EXE	577,557	11-01-93	3:11a
WIN386	PS2	852	11-01-93	3:11a
WIN87EM	DLL	12,800	11-01-93	3:11a
WINGDING	FOT	1,314	11-01-93	3:11a
WINGEN	DRV	14,928	07-25-94	1:23a
WINHLP32	CNT	930	09-05-95	12:00a
WINMM16	DLL	29,184	09-05-95	12:00a
WINOA386	MOD	49,248	11-01-93	3:11a
WSWAP	EXE	16,302	11-01-93	3:11a

VDDVGA30	386	40,945	11-01-93	3:11a
VGA30	3GR	14,848	11-01-93	3:11a
163 file(s)		12,228,782 bytes		
		2,525,184 bytes free		

MY WIN32S SUB

COMCTL32	DLL	284,432	09-05-95	12:00a
COMDLG32	DLL	54,784	09-06-95	12:00a
CRTDLL	DLL	204,592	09-05-95	12:00a
CTYPE	NLS	6,828	09-05-95	12:00a
FTSRCH	DLL	252,880	09-05-95	12:00a
LOCALE	NLS	55,588	09-05-95	12:00a
LZ32	DLL	5,120	09-06-95	12:00a
L_INTL	NLS	7,142	09-05-95	12:00a
L_TRK	NLS	7,142	09-05-95	12:00a
NETAPI32	DLL	11,776	09-06-95	12:00a
NTMSG	DLL	59,904	09-05-95	12:00a
OLE2THK	DLL	25,088	09-06-95	12:00a
OLE32	DLL	366,080	09-06-95	12:00a
OLEAUT32	DLL	232,720	08-20-95	12:00a
OLECLI32	DLL	19,968	09-05-95	12:00a
OLEDLG	DLL	112,128	09-06-95	12:00a
OLESVR32	DLL	10,752	09-05-95	12:00a
P_037	NLS	2,338	09-05-95	12:00a
P_10000	NLS	4,130	09-05-95	12:00a
P_10001	NLS	87,586	09-05-95	12:00a
P_10006	NLS	3,362	09-05-95	12:00a
P_10007	NLS	3,106	09-05-95	12:00a
P_10029	NLS	3,362	09-05-95	12:00a
P_10079	NLS	3,874	09-05-95	12:00a
P_10081	NLS	3,874	09-05-95	12:00a
P_1026	NLS	2,338	09-05-95	12:00a
P_1250	NLS	5,410	09-05-95	12:00a
P_1251	NLS	3,874	09-05-95	12:00a
P_1252	NLS	5,410	09-05-95	12:00a
P_1253	NLS	4,130	09-05-95	12:00a
P_1254	NLS	5,410	09-05-95	12:00a
P_437	NLS	5,922	09-05-95	12:00a
P_500	NLS	2,338	09-05-95	12:00a
P_737	NLS	4,130	09-05-95	12:00a
P_850	NLS	5,922	09-05-95	12:00a
P_852	NLS	5,922	09-05-95	12:00a
P_855	NLS	4,386	09-05-95	12:00a
P_857	NLS	6,178	09-05-95	12:00a
P_860	NLS	5,922	09-05-95	12:00a
P_861	NLS	5,922	09-05-95	12:00a
P_863	NLS	5,922	09-05-95	12:00a
P_865	NLS	5,922	09-05-95	12:00a
P_866	NLS	4,386	09-05-95	12:00a
P_869	NLS	4,386	09-05-95	12:00a
P_875	NLS	2,594	09-05-95	12:00a
P_932	NLS	88,098	09-05-95	12:00a

P_936	NLS	104,482	09-05-95	12:00a
P_949	NLS	143,396	09-05-95	12:00a
P_950	NLS	130,594	09-05-95	12:00a
RICHED32	DLL	162,576	09-05-95	12:00a
SCK16THK	DLL	9,216	09-06-95	12:00a
SHELL32	DLL	7,680	09-06-95	12:00a
SORTKEY	NLS	262,148	09-05-95	12:00a
SORTTBLS	NLS	3,306	09-05-95	12:00a
STDOLE32	TLB	7,168	07-25-95	12:00a
UNICODE	NLS	34,080	09-05-95	12:00a
VERSION	DLL	4,608	09-06-95	12:00a
W32S	386	36,587	09-06-95	12:00a
W32SCOMB	DLL	235,520	09-06-95	12:00a
W32SKRNL	DLL	82,432	09-05-95	12:00a
WIN32S	EXE	880	09-06-95	12:00a
WINMM	DLL	65,628	09-06-95	12:00a
WINSPOOL	DRV	9,216	09-05-95	12:00a
WSOCK32	DLL	13,824	09-06-95	12:00a
66 file(s)		3,326,419 bytes		
		1,296,384 bytes free		

-----7DB92396B2A--

From ku0g@sprynet.com Wed Dec 11 22:11:32 1996
 Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
 (8.7.5/8.7.3/1.9) with SMTP id WAA07384 for <aprssig@tapr.org>; Wed, 11 Dec 1996
 22:11:30 -0600 (CST)
 Received: from JIMDUNCA (ts2-p60.wwi.net [204.153.64.161]) by m1.sprynet.com
 (8.6.12/8.6.12) with SMTP id UAA28946 for <aprssig@tapr.org>; Wed, 11 Dec 1996
 20:11:28 -0800
 Date: Wed, 11 Dec 1996 20:11:28 -0800
 Message-Id: <199612120411.UAA28946@m1.sprynet.com>
 X-Sender: ku0g@m1.sprynet.com
 X-Mailer: Windows Eudora Light Version 1.5.2
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"
 To: aprssig@tapr.org
 From: Jim Duncan <ku0g@sprynet.com>
 Subject: Oops, I left out the address!

The Email address for Dennis Carpenter, KA0SXY, is

srstech@kcnet.com

(this would be regarding my posting of yesterday about APRS and Skywarn)

Sorry....It was late when I typed the request...

73 de Jim, KU0G
 Chairman/Coordinator
 Kansas City APRS Working Group
 EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From ke4sop@netwide.net Thu Dec 12 08:24:22 1996
Received: from naples.netwide.net (naples.netwide.net [206.103.128.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA00895 for <aprssig@tapr.org>; Thu, 12 Dec 1996 08:24:20 -0600 (CST)
Received: from Ed.mci2000.com ([206.103.128.121]) by naples.netwide.net (post.office MTA v2.0 0813 ID# 0-12029) with SMTP id AAA217 for <aprssig@tapr.org>; Thu, 12 Dec 1996 09:23:44 -0500
Message-ID: <32B01559.7EEE@netwide.net>
Date: Thu, 12 Dec 1996 09:23:21 -0500
From: ke4sop@netwide.net (Ed Unrein)
X-Mailer: Mozilla 3.01Gold (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: QRZ Index File
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does someone know the file name and the URL of where I can obtain the QRZ index file for WINAPRS?

Thanks,
73's
ke4sop@netwide.net

From bruninga@nadn.navy.mil Thu Dec 12 08:49:09 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA01742 for <aprssig@tapr.org>; Thu, 12 Dec 1996 08:49:07 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id JAA10351 for <aprssig@tapr.org>; Thu, 12 Dec 1996 09:54:23 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 12 Dec 1996 09:54:23 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: NMEA and GPS units
Message-ID: <Pine.GS0.3.95.961212092516.4299A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK. We need to fill in this table. These are the NMEA sentences used by APRSdos. (Keith, does Mac/Win use any others?)

If you have a different GPS, please send in your data.
Preferably by pasting your data on the end and replying the message...

GPS UNIT	Pos GLL	Pos/Alt GGA	Cse/Spd VTG	Pos/Cse/Spd RMC	Az/El GSV	Alt PGRMZ	Alt PMGLB	Hdg HDM
-----	-----	-----	-----	-----	-----	-----	-----	-----
Magln 5000	X	X	X	.	?		?	.

Garmin45 v1.5	X	.	X	X	.	.	.	.
v2.0	X	X	.	X	X	X	.	.
Garmin GPS-20	.	X	X	X	X	.	.	.

Reply mail addr: wb4apr@amsat.org
 See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
 GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From donp@jerryc.tyrell.net Thu Dec 12 09:20:28 1996
 Received: from jerryc.tyrell.net ([204.248.154.45]) by tapr.org (8.7.5/8.7.3/1.9)
 with ESMTP id JAA02797 for <aprssig@tapr.org>; Thu, 12 Dec 1996 09:20:24 -0600
 (CST)
 Received: (from donp@localhost) by jerryc.tyrell.net (8.7.4/8.7.3) id JAA18641;
 Thu, 12 Dec 1996 09:21:03 -0600
 Date: Thu, 12 Dec 1996 09:21:03 -0600 (CST)
 From: Don Pfister KA0JLF <donp@jerryc.tyrell.net>
 To: aprssig@tapr.org
 cc: aprssig@tapr.org
 Subject: Re: [APRSSIG:7154] NMEA and GPS units
 In-Reply-To: <Pine.GS0.3.95.961212092516.4299A-1000000@arctic>
 Message-ID: <Pine.LNX.3.91.961212092022.18624A-1000000@jerryc>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey Bob what about the Garmin GPS-25? I would guess it is the same as the GPS-20. Thanks and 73 de Don KA0JLF

On Thu, 12 Dec 1996, Bob Bruninga wrote:

> OK. We need to fill in this table. These are the NMEA sentences used by
 > APRSdos. (Keith, does Mac/Win use any others?)
 >
 > If you have a different GPS, please send in your data.
 > Preferably by pasting your data on the end and replying the message...
 >

	Pos	Pos/Alt	Cse/Spd	Pos/Cse/Spd	Az/El	Alt	Alt	Hdg
> GPS UNIT	GLL	GGA	VTG	RMC	GSV	PGRMZ	PMGLB	HDM
> -----	---	-----	-----	-----	-----	-----	-----	---
> MagIn 5000	X	X	X	.	?		?	.
> Garmin45 v1.5	X	.	X	X	.	.	.	.
> v2.0	X	X	.	X	X	X	.	.
> Garmin GPS-20	.	X	X	X	X	.	.	.

>
 >
 > Reply mail addr: wb4apr@amsat.org
 > See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
 > GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>
 >

From donp@jerryc.tyrell.net Thu Dec 12 09:44:25 1996
 Received: from jerryc.tyrell.net ([204.248.154.45]) by tapr.org (8.7.5/8.7.3/1.9)
 with ESMTP id JAA03572 for <aprssig@tapr.org>; Thu, 12 Dec 1996 09:44:22 -0600

(CST)

Received: (from donp@localhost) by jerryc.tyrell.net (8.7.4/8.7.3) id JAA18801;
Thu, 12 Dec 1996 09:45:00 -0600
Date: Thu, 12 Dec 1996 09:44:59 -0600 (CST)
From: Don Pfister KA0JLF <donp@jerryc.tyrell.net>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7155] Re: NMEA and GPS units
In-Reply-To: <Pine.LNX.3.91.961212092022.18624A-1000000@jerryc>
Message-ID: <Pine.LNX.3.91.961212094318.18624C-1000000@jerryc>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well I READ this finally. My GPS-25 has a \$LCGLL is that compatible with
the GLL you have listed? Or is it looking for something other than \$LC?
73

On Thu, 12 Dec 1996, Don Pfister KA0JLF wrote:

> Hey Bob what about the Garmin GPS-25? I would guess it is the same as the
> GPS-20. Thanks and 73 de Don KA0JLF
>
> On Thu, 12 Dec 1996, Bob Bruninga wrote:
>
> > OK. We need to fill in this table. These are the NMEA sentences used by
> > APRSdos. (Keith, does Mac/Win use any others?)
> >
> > If you have a different GPS, please send in your data.
> > Preferably by pasting your data on the end and replying the message...
> >
> >
Pos Pos/Alt Cse/Spd Pos/Cse/Spd Az/El Alt Alt Hdg
> > GPS UNIT GLL GGA VTG RMC GSV PGRMZ PMGLB HDM
> > -----
> > Magln 5000 X X X . ? ? .
> > Garmin45 v1.5 X . X X
> > v2.0 X X . X X X . .
> > Garmin GPS-20 . X X X X . . .
> >
> >
> > Reply mail addr: wb4apr@amsat.org
> > See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> > GPS on ANY radio: http://www.tapr.org/tapr.html/mic-e.html
> >
>

From bruninga@nadn.navy.mil Thu Dec 12 10:13:43 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA05125 for <aprssig@tapr.org>; Thu, 12
Dec 1996 10:13:42 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA25485 for <aprssig@tapr.org>; Thu, 12 Dec 1996
11:18:58 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Thu, 12 Dec 1996 11:18:58 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Mir passes nearby
Message-ID: <Pine.GSO.3.95.961212110758.4299K-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you "listen" to packet as I do (I just gotta hear those little beeps to know what is REALLY going on on the channel)... Then you may be noticing a station coming on occasionally in the afternoon to midnight time frame that seems to be chirping a lot of very brief packets.

Well, that is MIR who is now on our APRS frequency (145.803 at start of pass and 145.797 near end of pass). Of course it doesn't bother APRS because the signals are far weaker than our terrestrial net, BUT if you simply tune up 10 KHz to the middle of the passband, then you may see a few DX grid square stations! I saw 2 yesterday in New England.

The very brief packets you hear are of course REJ-BUSY packets to all of the stations trying to connect to MIR (a useless exercise since only one station in the world can be connected at a time)... The longer packets may be someone reading the BBS (very rare due to all the QRM) or, an occasional UI BEACON from someone.

Anyway, since they are on our frequency now, you might find it entertaining to watch. OF COURSE, I DO NOT ENCOURAGE the use of APRS via MIR, but if you are so compelled to send a UI frame via R0MIR, then you may as well make it very brief and may as well put something useful in it like a 6 digit grid square... (alt-SETUP-FORMATS-SPACE)

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From mheskett@startext.net Thu Dec 12 10:32:39 1996
Received: from lepton.startext.net (lepton.startext.net [205.172.60.12]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA05858 for <aprssig@tapr.org>; Thu, 12 Dec 1996 10:32:37 -0600 (CST)
Received: from mheskett (startext.net [205.172.60.10]) by lepton.startext.net (8.7.5/8.7.3) with SMTP id KAA12986 for <aprssig@tapr.org>; Thu, 12 Dec 1996 10:33:50 -0600 (CST)
Message-ID: <32B03362.4B64@mail.startext.net>
Date: Thu, 12 Dec 1996 10:31:30 -0600
From: Mike Heskett <mheskett@startext.net>
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7154] NMEA and GPS units
References: <Pine.GSO.3.95.961212092516.4299A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> OK. We need to fill in this table. These are the NMEA sentences used by
> APRSdos. (Keith, does Mac/Win use any others?)
>
> If you have a different GPS, please send in your data.
> Preferably by pasting your data on the end and replying the message...

	Pos	Pos/Alt	Cse/Spd	Pos/Cse/Spd	Az/El	Alt	Alt	Hdg
> GPS UNIT	GLL	GGA	VTG	RMC	GSV	PGRMZ	PMGLB	HDM
> -----	---	---	---	---	---	---	---	---
> Magln 5000	X	X	X	.	?		?	.
> Garmin45 v1.5	X	.	X	X	.	.	.	.
> v2.0	X	X	.	X	X	X	.	.
> Garmin GPS-20	.	X	X	X	X	.	.	.

Icom GP-22	X	X	X	.	.	.	.	.
w/OPK-4								

--

==/

Mike Heskett email mheskett@startext.net
WB5QLD packet WB5QLD@W05H.#DFW.TX.USA.NOAM
Hurst, TX
O-

From bruninga@nadm.navy.mil Thu Dec 12 10:36:58 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA06206 for <aprssig@tapr.org>; Thu, 12
Dec 1996 10:36:55 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id LAA28903 for <aprssig@tapr.org>; Thu, 12 Dec 1996
11:42:12 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 12 Dec 1996 11:42:12 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Watch your screens for APRS DX!
Message-ID: <Pine.GS0.3.95.961212113928.42990-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Apparently the Geminids hit on Sunday the 15th. Each morning you wake up,
look at your APRS screen for DX stations. If you see someone unusual,
look at their path on the D-Screen.

You may not have heard them direct, but you may have heard one of their
DIGIPEATS via direct MScatter. Your judgment...

Read README\METEOR.txt

From 0004818186@mcimail.com Thu Dec 12 10:44:30 1996
Received: from CRPL.CEDAR-RAPIDS.LIB.IA.US (crpl.cedar-rapids.lib.ia.us
[198.134.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA06407 for
<aprssig@tapr.org>; Thu, 12 Dec 1996 10:44:28 -0600 (CST)
From: barrettd@crpl.cedar-rapids.lib.ia.us
Received: from crwd-jnorth ([198.134.138.104]) by CRPL.CEDAR-RAPIDS.LIB.IA.US with
SMTP;

Thu, 12 Dec 1996 10:43:58 -0600 (CST)
Message-ID: <32B03747.1B9E@crpl.cedar-rapids.lib.ia.us>
Date: Thu, 12 Dec 1996 10:48:07 -0600
Reply-To: barrettd@crpl.cedar-rapids.lib.ia.us
X-Mailer: Mozilla 3.0Gold (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: WX and KPC-3 info and SIG Searching
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've seen a few questions that are ones that pop up from time to time,
and while there may not be an FAQ the next best thing is using TAPR's
new list search engine. It's a great addition and a super tool.
Just point your Web Browser to:
<http://www.tapr.org/cgi-bin/iform.tapr?APRSSIG>

Date: Tue, 16 Jul 96 17:47 EST
From: Miami Network <0004818186@mcimail.com>
To: aprssig
Subject: Re: [APRSSIG:3049] Ultimeter II and KPC-3
Message-Id: <63960716224736/0004818186NA3EM@MCIMAIL.COM>

Connecting the Ultimeter 2000 (if that is the same as the II)
is straight forward:

Pin #3 from the Ultimeter is Data Out
Pin #5 from the Ultimeter is Ground

Pin #3 from the Ultimeter goes to Pin #2 of the KPC-3
Pin #5 from the Ultimeter goes to Pin #7 of the KPC-3

Set the TNC as follows:

```
GPSHEAD 1 !!      /* This is the string that the Utimeter sends out */
LTP 1 APRS WIDE   /* This is your path for the transmitted information
/*
BLT 1 every 00:05:00 /* Sets timer 1 for every 5 minutes /*
LT 1 /* will have the Information from the Ultimeter /*
INT GPS /* Put the TNC into GPS Mode Turn it off and then ON /*
```

It will work unattended and without a PC connected to it or
without the APRS software. We have several in Miami that are
set up this way for automatic Wx reporting to the National
Hurricane Center.

73, Seymour, KC4NMY

From bruninga@nadn.navy.mil Thu Dec 12 10:48:29 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA06739 for <aprssig@tapr.org>; Thu, 12 Dec 1996 10:48:25 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id LAA00442 for <aprssig@tapr.org>; Thu, 12 Dec 1996 11:53:42 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 12 Dec 1996 11:53:41 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7156] Re: NMEA and GPS units
In-Reply-To: <Pine.LNX.3.91.961212094318.18624C-100000@jerryc>
Message-ID: <Pine.GSO.3.95.961212115218.4299Q-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 12 Dec 1996, Don Pfister KA0JLF wrote:

> Well I READ this finally. My GPS-25 has a \$LCGLL is that compatible with
> the GLL you have listed? Or is it looking for something other than \$LC?

APRSdos REPLY/COMMENT: I doubt it is \$LCGLL which would be from a LORAN-C; but more like a \$GPGLL which is from a GPS unit. Anyway, doesnt matter, APRS ignores the "sending" device nomenclature.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From w2g3zfej@unix.asb.com Thu Dec 12 10:54:07 1996
Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA07030 for <aprssig@tapr.org>; Thu, 12 Dec 1996 10:54:06 -0600 (CST)
Received: from asb26 (sls16.asb.com [165.254.128.26]) by unix.asb.com (8.6.12/8.6.9) with SMTP id MAA01879 for <aprssig@tapr.org>; Thu, 12 Dec 1996 12:18:26 -0500
Date: Thu, 12 Dec 1996 12:18:26 -0500
Message-Id: <199612121718.MAA01879@unix.asb.com>
X-Sender: w2g3zfej@unix.asb.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: bob <w2g3zfej@unix.asb.com>
Subject: Re: [APRSSIG:7154] NMEA and GPS units

The Magnavox MX4200 outputs; GGA, GLL and VTG plus several other propriatory messages.

By the way, if anyone's interested, I use a small microcontroller to synthesize an RMC sentence from the GGA/VTG output of the MX4200. Saves bandwidth.

Let me know if anyone needs details.

73 de bob w2/g3zfq
w2g3zfq@unix.asb.com

PS I presume we want this posted to the SIG?

At 08:55 12/12/96 -0600, you wrote:

>OK. We need to fill in this table. These are the NMEA sentences used by

>APRSdos. (Keith, does Mac/Win use any others?)

>

>If you have a different GPS, please send in your data.

>Preferably by pasting your data on the end and replying the message...

>

	Pos	Pos/Alt	Cse/Spd	Pos/Cse/Spd	Az/El	Alt	Alt	Hdg
>GPS UNIT	GLL	GGA	VTG	RMC	GSV	PGRMZ	PMGLB	HDM
>-----	---	-----	-----	-----	-----	-----	-----	---
>Magln 5000	X	X	X	.	?		?	.
>Garmin45 v1.5	X	.	X	X	.	.	.	.
>v2.0	X	X	.	X	X	X	.	.
>Garmin GPS-20	.	X	X	X	X	.	.	.

>

>

>Reply mail addr: wb4apr@amsat.org

>See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

>GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

>

>

>

From gwells@nbn.net Thu Dec 12 14:53:37 1996

Received: from mail.nbn.net (nbn.net [199.234.116.15]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id 0AA17662 for <aprssig@tapr.org>; Thu, 12 Dec 1996 14:53:36 -0600 (CST)

Received: from gwells (access45.nbn.net [199.234.116.144]) by mail.nbn.net

(8.7.5/8.7.3) with ESMTP id PAA03151 for <aprssig@tapr.org>; Thu, 12 Dec 1996 15:53:33 -0500

Message-Id: <199612122053.PAA03151@mail.nbn.net>

From: "Gary Wells" <gwells@nbn.net>

To: <aprssig@tapr.org>

Subject: U-II and KPC-3

Date: Thu, 12 Dec 1996 14:04:06 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Many thanks to all those who replied to my message about connecting the U-II to the KPC-3. With your help the system is up and running. I hope to use it as a self contained, portable WX reporting station that can be put up in a few minutes when and where needed.
Once again, thanks to all :-)
Gary, N3HCP

From ccdapple@wtp.net Thu Dec 12 15:31:40 1996
Received: from mailsrv2.pcy.mci.net (mailsvr2.pcy.mci.net [204.71.1.40]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA19325 for <aprssig@tapr.org>; Thu, 12 Dec 1996 15:31:39 -0600 (CST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10045) id <01ICXGJDFC4G9EE35N@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Thu, 12 Dec 1996 16:30:15 -0500 (EST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10044) id <01ICXGIWYSLA9FN8AM@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Thu, 12 Dec 1996 16:29:38 -0500 (EST)
Received: from wtpml-7.wtp.net by wtpprod1.wtp.net; (5.65/1.1.8.2/19Aug95-0853PM) id AA31538; Thu, 12 Dec 1996 14:29:17 -0700
Date: Thu, 12 Dec 1996 14:29:17 -0700
From: Charles Dapples <ccdapple@wtp.net>
Subject: Re: NMEA and GPS units
To: APRSsig <aprssig@tapr.org>
Message-id: <9612122129.AA31538@wtpprod1.wtp.net>
MIME-version: 1.0
X-Mailer: Procomm Plus for Windows 95
Content-type: MULTIPART/MIXED; BOUNDARY="Boundary (ID PGrsTI7IGpMP6r7e7zA2Gw)"

--Boundary (ID PGrsTI7IGpMP6r7e7zA2Gw)
Content-type: Text/Plain; charset=US-ASCII

From: ccdapple@wtp.net
Date: 12/12/96 14:26:08
To: aprssig@tapr.org
Subject: Re: NMEA and GPS units

On Thu, 12 Dec 1996, Bob Bruninga wrote:

> OK. We need to fill in this table. These are the NMEA sentences used by
> APRSdos. (Keith, does Mac/Win use any others?)
>
> If you have a different GPS, please send in your data.
> Preferably by pasting your data on the end and replying the message...
>
>
Alt Alt Hdg Pos Pos/Alt Cse/Spd Pos/Cse/Spd Az/El
> GPS UNIT GLL GGA VTG RMC GSV
PGRMZ PMGLB HDM
> -----

```

-----
> Magln 5000      X      X      X      .      ?
?      .

Magln XL          X      X      X      X      .
.      .      .
> Garmin45 v1.5   X      .      X      X      .
.      .      .
>      v2.0       X      X      .      X      X
X      .      .
> Garmin GPS-20   .      X      X      X      X
.      .      .
>
>
> Reply mail addr:  wb4apr@amsat.org
> See APRS LIVE:
http://web.usna.navy.mil/~bruninga/aprs.html
> GPS on ANY radio:
http://www.tapr.org/tapr.html/mic-e.html
>

```

--Boundary (ID PGrsTI7IGpMP6r7e7zA2Gw)--

```

From billh@netins.net Thu Dec 12 16:43:13 1996
Received: from insosf1.netins.net (root@insosf1.netins.net [167.142.225.5]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA22486 for <aprssig@tapr.org>; Thu, 12
Dec 1996 16:43:11 -0600 (CST)
Received: from 199.120.94.88 (elrg-01-23.dialup.netins.net [199.120.94.88]) by
insosf1.netins.net with SMTP id QAA28569; Thu, 12 Dec 1996 16:43:01 -0600 (CST)
Message-ID: <32B08A79.5B17@netins.net>
Date: Thu, 12 Dec 1996 22:43:05 +0000
From: "John W.(Bill) Hays - w0omv" <billh@netins.net>
Reply-To: billh@netins.net
Organization: Retired USAF air traffic controller
X-Mailer: Mozilla 2.02 (Macintosh; I; 68K)
MIME-Version: 1.0
To: srstech@kcnet.com
CC: ku0g@kcaprs.com, aprssig@tapr.org
Subject: APRS/Skywarn info @ NEXRAD sites
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

We are particularly looking for the following information:

1) How does APRS fit in to your overall Skywarn network?

We use voice FM repeaters to exchange WX info to/from the NWS site as our primary means of info exchange, at least for now. The secondary

means used, because we do not have very many stations on the air yet, is APRS.

2) What unique benefits has the installation of an APRS position with your local WSO presented with regard to Skywarn and other weather operations?

It allows for dissemination of both the nature of the WX and its position info to be sent from the NWS office and also to be recieved in a visual format. Later when more hams have voice and GPS equipment installed in their spotter vehicles it will provide a very rapid accurate, return of position and type of WX info to the NWS and simultaneously to other APRS equipped stations.

3) What equipment you are using...

The local club furnished two radios, one for voice and one for APRS, a power supply, and two verticle antennas mounted on a tower furnished by the NWS that we share space on. We use our HT's to hit a local repeater so we monitor at least two voice VHF frequencies and APRS. A 386 (I believe, using LINUX OS for the display and routing of AFOS auto WX data) computer provided by the NWS on our operating desk together with a 486 box at the second ops desk we share space at.

4) Where you are located...

We are provided two operating desks in the main NEXRAD building. One for our sole use that is in the NEXRAD operations room but out of their way and the second in an adjacent partioned cubby-hole that we share with regular WX admin. and/or research function use.

5) Number of remote WX sensing sites (i.e. Ultimeters, Davis Bros., etc.) that are within the service area of your WSO as well as your area APRS network.

We only have three 24 hour sites and two additional part time sites at present.

6) Number of spotters using APRS to aid in tracking of severe weather events, mobile location, etc. along with the number of stations using full laptop mobile/GPS, stand-alone tracker or MIC-E modules.

So far, just two laptop/GPS stations.

7) Did the NWS provide your station equipment or what were the sources of the APRS equipment at your NWS site?

The NWS provided two CPU's. A 386 CPU and monitor full time and we share the use of a 486 box running Windows 95. The NWS (I suspect the Meteorologist In Charge and perhaps one or more of the employees) paid or offered to pay for the WinAPRS software registration. Mark and Keith when asked about method of payment provided a registration number free of charge to the NWS at our site. The local club had earlier purchased a copy of the regular APRS program for use by the club remote U-II

site/s.

The 386 box has LINUX installed by Ron Luse, KD9KX. He has it set up to act as a router to extract certain WX products from the AFOS system, route it to the monitor at our main voice ops desk and also to the 486 box running WinAPRS thence to the TNC and out on 145.79 Mhz.

8) Any other pertinent, useful information that you can pass along to Mr. Carpenter that will assist him in making a commitment to posting an APRS station in our WSO and in planning for the on-air operations.

The only drawback to the automatic WX products on 145.79 Mhz is that a few of the APRS stations are using the DOS version. When the auto WX is sent it appears at the bottom of the screen then the 2nd line of auto WX appears below the 1st and pushes the 1st line up which blanks out the bottom approx 1/4 inch of the map. Each succeeding line pushes/scrolls the text data up obscuring more of the map until eventually there is no map visible.. This can be eliminated by hitting the space bar and forcing a redraw of the map. Of course the minute the next auto WX data is sent the screen begins to be blanked out again. WinAPRS and MacAPRS are not negatively affected this way.

Ron is working on a solution.

It takes a little more training to use APRS and or WinAPRS than the voice system. I'd recommend having at least two ops one for voice and one for APRS. But I've seen situations when four operators could have been used. They all would have been busy!!

--

Bill Hays - w0omv email:billh@netins.net

I am located in Davenport, Iowa and work with the NWS with QTH at the Davenport airport. I think the site is "DVN" in WX service parlay. Don't know what the new 4 character ID is yet. Hope this is of some help.

From birksd@cadvision.com Thu Dec 12 17:24:23 1996

Received: from huey.cadvision.com (huey2.cadvision.com [207.34.96.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA28321 for <aprssig@tapr.org>; Thu, 12 Dec 1996 17:24:22 -0600 (CST)

Received: from birksd.cadvision.com (agtc182.cadvision.com [207.34.98.182]) by huey.cadvision.com (8.7.5/8.7.5/DCX/TRI) with SMTP id QAA11210 for <aprssig@tapr.org>; Thu, 12 Dec 1996 16:23:29 -0700

Date: Thu, 12 Dec 1996 16:23:29 -0700

Message-Id: <199612122323.QAA11210@huey.cadvision.com>

X-Sender: birksd@huey.cadvision.com

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: birksd@cadvision.com (David R. Birks)

Subject: Re: [APRSSIG:7158] NMEA and GPS units - Data Added

>Bob Bruninga wrote:

>>

```

>> OK. We need to fill in this table. These are the NMEA sentences used by
>> APRSdos. (Keith, does Mac/Win use any others?)
>>
>> If you have a different GPS, please send in your data.
>> Preferably by pasting your data on the end and replying the message...
>>
>>

```

	Pos GLL	Pos/Alt GGA	Cse/Spd VTG	Pos/Cse/Spd RMC	Az/El GSV	Alt PGRMZ	Alt PMGLB	Hdg HDM
Magln 5000	X	X	X	.	?		?	.
Garmin45 v1.5	X	.	X	X	.	.	.	.
v2.0	X	X	.	X	X	X	.	.
Garmin GPS-20	.	X	X	X	X	.	.	.
Garmin GPS-55	x	.	.	X	.	X	.	.
Garmin GPS95XL	X	.	.	X	.	X	.	.
Icom GP-22		X	X	X	.	.	.	.
w/OPK-4								

```

>--

```

** The Garmin 55 and 95XL also output the following sentences:
 GPBWC, GPRMB, GPROO, GPXTE and GPWPL

73 de Dave VE6MJR

From n0lrf@amsat.org Thu Dec 12 19:04:13 1996
 Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA02368 for <aprssig@tapr.org>; Thu, 12 Dec 1996 19:04:10 -0600 (CST)
 Received: from pm6_02.computer-services.com (pm6_02.computer-services.com [206.101.232.149]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id TAA09527 for <aprssig@tapr.org>; Thu, 12 Dec 1996 19:04:28 -0600
 Message-ID: <32B0C7AC.6E58@amsat.org>
 Date: Thu, 12 Dec 1996 19:04:12 -0800
 From: Paul Stump <n0lrf@amsat.org>
 X-Mailer: Mozilla 3.01 (Win16; I)
 MIME-Version: 1.0
 To: aprssig@tapr.org
 Subject: GPS NMEA...
 References: <199612122323.QAA11210@huey.cadvision.com>
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

```

>
> GPS UNIT
> -----
> Magln 5000
> Garmin45 v1.5
> v2.0
> Garmin GPS-20
> GARMIN GPS 25

```

	Pos GLL	Pos/Alt GGA	Cse/Spd VTG	Pos/Cse/Spd RMC	Az/El GSV	Alt PGRMZ	Alt PMGLB	Hdg HDM
Magln 5000	X	X	X	.	?		?	.
Garmin45 v1.5	X	.	X	X	.	.	.	.
v2.0	X	X	.	X	X	X	.	.
Garmin GPS-20	.	X	X	X	X	.	.	.
GARMIN GPS 25	.	X	X	X	X	.	.	.

```

***

```

```

> Garmin GPS-55      x      .      .      X      .      X      .      .      **
> Garmin GPS95XL     X      .      .      X      .      X      .      .      **
  GARMIN GPS 130     X      X      X      X      X      X      .      .
****
> Icom GP-22         X      X      X      .      .      .      .      .
> w/OPK-4
> =====
>
> ** The Garmin 55 and 95XL also output the following sentences:
>      GPBWC, GPRMB, GPROO, GPXTE and GPWPL

```

```

*** Also:
  GSA: Doppler & active Sat's
  LCGLL: Loran Talker ID Lat/Long/UTC
  LCVTG: Loran Talker ID track & velocity

```

```

*** Also:
  GSA, RMB, RTE, WPL, BOD

```

```

ICU,
--
73, Paul, n0lrf@amsat.org

```

```

From wa8inz@concentric.net Thu Dec 12 19:21:58 1996
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA02842 for <aprssig@tapr.org>; Thu, 12 Dec 1996
19:21:55 -0600 (CST)
Received: from LOCALNAME (61037d0016at.concentric.net [206.173.85.172])
  by cliff.cris.com (8.8.3/(96/11/08 1.11))
  id UAA25762; Thu, 12 Dec 1996 20:21:53 -0500 (EST)
  [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Message-ID: <32B0CBCE.D06@concentric.net>
Date: Thu, 12 Dec 1996 19:21:50 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7166] Re: NMEA and GPS units - Data Added
References: <199612122323.QAA11210@huey.cadvision.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

```

David R. Birks wrote:
>
> >Bob Bruninga wrote:
> >>
> >> OK. We need to fill in this table. These are the NMEA sentences used by
> >> APRSdos. (Keith, does Mac/Win use any others?)
> >>
> >> If you have a different GPS, please send in your data.
> >> Preferably by pasting your data on the end and replying the message...

```

```

> >>
> >>
> >> GPS UNIT      Pos Pos/Alt Cse/Spd Pos/Cse/Spd Az/EI  Alt  Alt  Hdg
> >> -----      --- --
> >> Magln 5000      X   X      X      .      ?      .      ?      .
> >> Garmin45 v1.5   X   .      X      X      .      .      .      .
> >>      v2.0       X   X      .      X      X      X      .      .
> >> Garmin GPS-20   .   X      X      X      X      .      .      .
> >> Garmin GPS-55   x   .      .      X      .      X      .      .  **
> >> Garmin GPS95XL  X   .      .      X      .      X      .      .  **
> >> Icom GP-22      X   X      X      .      .      .      .      .
> >> Magln 5000DX    X   X      X      X      .      .      .      .  **

```

```

> =====

```

```

> ** The Magellan NAV 5000DX also output the following:
>   BWC,APA, GLL,RMB,BWC,XTE,GLL,APB
> --

```

```

    \\\\\
    (0 0)
*--o0-( )-0o--*
wa8inz@amsat.org
wa8inz@cris.com

```

```

From wa8inz@concentric.net Thu Dec 12 19:32:13 1996
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA03082 for <aprssig@tapr.org>; Thu, 12 Dec 1996
19:32:10 -0600 (CST)
Received: from LOCALNAME (61037d0016at.concentric.net [206.173.85.172])
    by cliff.cris.com (8.8.3/(96/11/08 1.11))
    id UAA01039; Thu, 12 Dec 1996 20:32:07 -0500 (EST)
    [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Message-ID: <32B0CE35.1C31@concentric.net>
Date: Thu, 12 Dec 1996 19:32:05 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Tripmate Power
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

Chip Fleming wrote:

```

>
> Hi,
>
> Here is a DC regulator design that I built into my Tripmate battery
> compartment, thereby voiding the warranty. I am going to AZ on vacation
> next week, and I couldn't wait for DeLorme. If you would like to build
> your own, here is the design.
>

```

> Components can be ordered from DigiKey, 1-800-344-4539:

>

> REF	Qty	Part Number	Price	Description
> J1	1	CP-5-ND	\$1.83	female 5.5 x 2.1 mm jack w/sw
> CR1	1	1.5KE18AGICT-ND	\$1.28	18V transient absorbing zener
> CR2 & CR3	2	1N4001CT-ND	\$0.60ea.	rectifier diode
> CR4	1	P6KE6.8AGICT-ND	\$0.84	6.8V transient absorbing zener
> C1	1	P2077-ND	\$2.01	4.7 uF 50V tantalum cap
> C2	1	P2034-ND	\$0.33	2.2 uF 16V tantalum cap
> U1	1	NJM7806FA-ND	\$0.88	6V 1A positive voltage reg

>

> I built it on a piece of Radio Shack 276-150 (\$1.19) Multipurpose PC

> Board that I cut out with an old pair of dikes.

>

> Theory: J1 is a female 5.5 x 2.1 mm jack with a built-in switch. I
> installed it in the side of my Tripmate on the cord end. (I also glued
> a pair of Radio Shack 64-1877 magnets on the bottom of the Tripmate,
> with electrical tape on the bottom to protect my car--keep those bad
> boys away from your floppies and your laptop!) The switch is on the
> sleeve side, not the pin side, so I used it to interrupt the negative
> (black lead) side of the battery, since I didn't want the alkaline
> batteries to see the output of U1 for extended periods. When the mating
> plug is plugged in all the way, the connection between J1-2 and J1-3 is
> broken. The center of the plug mates with J1-1 (positive); the sleeve
> with J1-3 (negative). The wall wart (e.g. Radio Shack 273-1455) or
> cigarette lighter adapter (e.g. Radio Shack 270-1533) supplies +VDC on
> the inside contact and -VDC on the outside contact.

>

> CR1 and CR4 are transient absorbing zener diodes. Their function is to
> provide spike protection to U1 and to the Tripmate respectively. CR1
> limits the DC input range to less than about 15 VDC. CR4 cuts in at
> about 6.4 to 7.1 VDC in case anything makes it past CR1 and thru U1.
> Someone else commented they thought 8V would be about as high as you'd
> want to go on the Tripmate Rockwell board.

>

> C1 is an input filter for U1 (pin 1). The voltage rating of 50V is
> conservative given the presence of CR1, but automobile power is so bad,
> why not. C2 is there to clean things up a little bit on the output of
> U1 (pin 3). U1 seems tame with it on the other side of CR3. I wish I'd
> put in a good ceramic high-frequency cap as well, but I cut a corner on
> that one.

>

> I also wish I'd had room for a filter inductor on the input of U1. You
> can add it if you're even more leery of automobile power than I am.

>

> CR3 is there because I decided I didn't want the battery pack supplying
> voltage to the output of U1 when the external power is disconnected, and
> CR2 is there to compensate for the voltage drop of CR3 by providing the
> same drop on the ground lead of U1 (pin 2). This may seem kind of
> hokey, but it seems to work OK.

>

> I tested it with the wall wart and with my Honda Accord (about two hours
> of driving). It didn't smoke, heck, it didn't even get warm. And it

> didn't fry my Tripmate. And with the magnet mount, it stays on the car
> at 65 mph. (But it's not completely waterproof...yet.)
>
> I'd suggest fusing the cigarette lighter adapter with a 0.5A fuse, just
> in case.
>
> Comments welcome, as long as they're constructive. Sorry, no
> construction help--this is for the folks who have already burned their
> fingers a few times.
>
> Schematic is in GIF format. Hope everyone can read it.
>
> 73, Chip Fleming, N3USL
>
> -----

I hope this comes through ok. Was posted on sci.geo.satellite-nav

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

From fhickey@neosoft.com Thu Dec 12 20:12:17 1996
Received: from mailbox.neosoft.com (mailbox.neosoft.com [206.109.1.16]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA04867 for <aprssig@tapr.org>; Thu, 12
Dec 1996 20:12:16 -0600 (CST)
Received: from fhickey.neosoft.com (tuffy-ppp-port-29.neosoft.com [206.109.11.58])
by mailbox.neosoft.com (8.8.4/8.8.3) with SMTP id UAA17733 for <aprssig@tapr.org>;
Thu, 12 Dec 1996 20:12:14 -0600 (CST)
Message-ID: <32B0BBE1.6194@neosoft.com>
Date: Thu, 12 Dec 1996 20:13:53 -0600
From: Anthony Hickey <fhickey@neosoft.com>
Reply-To: fhickey@neosoft.com
X-Mailer: Mozilla 3.0Gold (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Tripmate ext. antenna?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've been following the mail about the tripmate and I am wondering if it
is possible to modify it to use an external antenna. I don't quite like
the idea of setting it on the dashboard for several reasons, especially
because of its bright color. Please, I would like to find out before I
go out and purchase one.

Thanks, Anthony AB5QR

From eac@shore.net Thu Dec 12 21:53:40 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA09192 for <Aprssig@Tapr.Org>; Thu, 12 Dec 1996 21:53:37 -0600 (CST)
Received: from northshore.shore.net (root@shell11.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id WAA11666; Thu, 12 Dec 1996 22:53:35 -0500 (EST)
Received: from pm3-48 (pm3-48.lynnma.shore.net [204.167.109.48]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id WAA08429; Thu, 12 Dec 1996 22:53:34 -0500 (EST)
MIME-Version: 1.0
Date: Thu, 12 Dec 1996 23:03:01 -0400
To: fhickey@neosoft.com
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7170] Tripmate ext. antenna?
Message-Id: <850449781-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <850449781-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

Basically you need to dig the unit out of the box, disconnect the patch antenna, and rig up a connector.

The problem is that there is no voltage supply for a preamp. There is the network for it, but from the material on the chip set I read the power is feed thru the chip. I am not sure if I could get enough information on how to modify it to feed in preamp power. Given that unimplemented features like 1 PPS is just a tiny pin on a surface mount chip I bet the Preamp supply is the same way.

73 Eric eac@shore.net

From eac@shore.net Thu Dec 12 22:02:59 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA09415 for <aprssig@tapr.org>; Thu, 12 Dec 1996 22:02:56 -0600 (CST)
Received: from northshore.shore.net (root@shell11.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id XAA13329 for <aprssig@tapr.org>; Thu, 12 Dec 1996 23:02:55 -0500 (EST)
Received: from pm3-48 (pm3-48.lynnma.shore.net [204.167.109.48]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id XAA10611 for <aprssig@tapr.org>; Thu, 12 Dec 1996 23:02:53 -0500 (EST)
MIME-Version: 1.0
Date: Thu, 12 Dec 1996 23:12:20 -0400
To: aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Tripmate GPQ command
Message-Id: <850450340-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1

Content-Id: <850450340-1-eac@shore.net>

Content-Transfer-Encoding: 8bit

I finally got the Zodiac (Tripmate) serial I/O docs. One interesting note is that GPQ is a valid NMEA command. GPQ queries for a sentence. You can turn off all the messages and just send \$IIGPQ,RMC<cr><lf> if you want a RMC message. I noticed if you send a query for a sentence that is not valid (like GSV if not navigating) it will not send a reply.

What is strange is that it is mentioned in the beginning of the docs but it is not listed as an input command and does not have a details page.

The other interesting thing of note is before the unit is navigating but has a valid time it will include satellites below the horizon in the search. The manual notes that in the elevation field of the GSV message satellites below the horizon have a null field (,,) because the NMEA spec does not mention that negative numbers could be used there. The tripmate.exe program on the SA 4.0 CD puts these satellites at the horizon circle. I would have preferred outside the horizon circle.

73 Eric eac@shore.net WB1HBU

From bruninga@nadm.navy.mil Thu Dec 12 23:01:49 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA12655 for <aprssig@tapr.org>; Thu, 12 Dec 1996 23:01:48 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id AAA02217 for <aprssig@tapr.org>; Fri, 13 Dec 1996 00:07:03 -0500 (EST)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Fri, 13 Dec 1996 00:07:03 -0500 (EST)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: HF on 4 watts (or 20)

Message-ID: <Pine.GS0.3.95.961213000016.1241F-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I just bought an MFJ 30 meter transceiver (\$189) for experimenting with low power APRS on 10.151 and will add a RAMSEY 20 Watt PA (\$49 kit).

Will let you know results. Initial impression is good. (5 minutes out of box and not connected to 30m ant yet).

On random wire, there is quite noticeable bleed through of a SW station into the 6MHz IF.. and it doesnt tune to 10.151. Will tweak that

tomorrow.... Anyone else have one of these?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From ku0g@sprynet.com Thu Dec 12 23:13:22 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA13186 for <aprssig@tapr.org>; Thu, 12 Dec 1996 23:13:20 -0600 (CST)
Received: from JIMDUNCA (ts1-p30.wwi.net [204.153.64.131]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id VAA04385 for <aprssig@tapr.org>; Thu, 12 Dec 1996 21:13:18 -0800
Date: Thu, 12 Dec 1996 21:13:18 -0800
Message-Id: <199612130513.VAA04385@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Hold on, thar!!!

A cloud of dust, a click of the keys and a hearty hi-ho Redstone....

Could it be, YES it IS!!!!

It's the L0000000000NE DERANGER!

Welcome back, Bill..... (that would be Bill Nolle, of course, folks!)

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From sdimse@bridge.net Fri Dec 13 01:51:18 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA26214 for <aprssig@tapr.org>; Fri, 13 Dec 1996 01:51:16 -0600 (CST)
Received: from [207.16.5.85] (ppp-mia2-85.bridge.net [207.16.5.85]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id CAA13297 for <aprssig@tapr.org>; Fri, 13 Dec 1996 02:51:13 -0500 (EST)
Message-Id: <199612130751.CAA13297@newworld.bridge.net>
Subject: Re: [APRSSIG:7170] Tripmate ext. antenna?
Date: Fri, 13 Dec 96 02:51:22 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I've been following the mail about the tripmate and I am wondering if it
>is possible to modify it to use an external antenna. I don't quite like
>the idea of setting it on the dashboard for several reasons, especially
>because of its bright color. Please, I would like to find out before I
>go out and purchase one.

>

The tripmate is mounted in a plastic enclosure, looks somewhat weather resistant, which opens easily to change the batteries. Three interior screws sealed with nail polish to void warrantee reveal the gps board mounted in an rf shield. The antenna is mounted to the top of the shield, I think with double sided tape. The antenna connects to the patch antenna with a soldered connection.

I _think_ it would be possible to remove the antenna and wire some sort of connector to the case for an external antenna. I have not checked to see if any voltage for a preamp is supplied on the antenna connection. If not the antenna options would be pretty limited. In any case, it would be pretty major surgery....

Steve K4HG

From james-m@ix.netcom.com Fri Dec 13 06:22:51 1996

Received: from dfw-ix6.ix.netcom.com (dfw-ix6.ix.netcom.com [206.214.98.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA04464 for <aprssig@tapr.org>; Fri, 13 Dec 1996 06:22:50 -0600 (CST)

Received: from #james-m (sav-ga1-16.ix.netcom.com [205.184.8.48]) by dfw-ix6.ix.netcom.com (8.6.13/8.6.12) with SMTP id EAA18938 for <aprssig@tapr.org>; Fri, 13 Dec 1996 04:22:16 -0800

Date: Fri, 13 Dec 1996 04:22:16 -0800

Message-Id: <199612131222.EAA18938@dfw-ix6.ix.netcom.com>

To: aprssig@tapr.org

Newsgroups: rec.radio.amateur.digital.misc

Subject: Help wiring up my Kantronics 9612. Kenwood TM733a for one radio operation

From: james-m@ix.netcom.com (Don Murray AE4BR)

X-Newsreader: WinVN 0.99.8 (beta 2)

MIME-Version: 1.0

Content-Type: Text/Plain; charset=US-ASCII

Hello and thanks for reading this..

I am in need of help setting up my Kantronics 9612, and TM733a for one radio operation. I am not even sure if this is possible. What I would like to do is wire the radio and TNC so that I can get both 1200 and 9600 baud operation on the single 733.

I would also appreciate if if someone could confirm my wiring by posting the output pin assignment for the TM733 in regards to the 9600 baud port of the 9612 and the 1200 port of the 9612.

Anyone else handling both ports thru one radio?? Is it even possible. The 9612 has a "oneradio" setting. But the manual doesn't go into detail about it.

Any and all help will be greatly appreciated

From schiers@ames.net Fri Dec 13 08:06:19 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA07489 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:06:18 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (schiers.ames.net [206.29.126.237]) by brain.ames.net (8.6.12/8.6.9) with SMTP id IAA24736 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:04:37 -0600
Message-Id: <199612131404.IAA24736@brain.ames.net>
Date: Fri, 13 Dec 96 08:04:41 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7173] HF on 4 watts (or 20)
In-Reply-To: <Pine.GS0.3.95.961213000016.1241F-1000000@arctic>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <Pine.GS0.3.95.961213000016.1241F-1000000@arctic>, on 12/12/96 at 11:04 PM,

Bob Bruninga <bruninga@nadm.navy.mil> said:

>I just bought an MFJ 30 meter transceiver (\$189) for experimenting with
>low power APRS on 10.151 and will add a RAMSEY 20 Watt PA (\$49 kit).

Bob, be sure to give us a full report...I have my Kenwood TS-870s tied up, and while that is fine during the day when I'm not there, the rest of the time it is a "bit" much, don't you think? I would be willing to keep my MOSFet amp on and I'm sure the 20w would drive it to a nice solid 250w out, which I believe is the legal limit on 30m. 73,

hasan schiers, NOAN--

schiers@ames.net

From JSseybold@smtpgate.read.tasc.com Fri Dec 13 08:09:18 1996
Received: from fandago.read.tasc.com (fandago.read.tasc.com [147.81.240.29]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA07578 for <APRSSIG@TAPR.ORG>; Fri, 13 Dec 1996 08:09:16 -0600 (CST)
Received: from daphne.read.tasc.com (daphne1.read.tasc.com) by fandago.read.tasc.com (4.1/TASC-1.9)
id AA10870; Fri, 13 Dec 96 09:02:21 EST
Received: from smtpgate.read.tasc.com by daphne.read.tasc.com (5.x/PRAT[SECURE-2.8])
id AA00426; Fri, 13 Dec 1996 09:09:00 -0500
Received: from TASCREAD-Message_Server by smtpgate.read.tasc.com with Novell_GroupWise; Fri, 13 Dec 1996 09:08:59 -0500
Message-Id: <s2b11d2b.021@smtpgate.read.tasc.com>
X-Mailer: Novell GroupWise 4.1
Date: Fri, 13 Dec 1996 09:07:59 -0500
From: "John S. Seybold" <JSseybold@smtpgate.read.tasc.com>
To: APRSSIG@tapr.org

Subject: AEA PK-12 problems with APRS

To all,

Apologies for posting a mundane request for help - I do not know who else to ask.

I am using a PK-12 with WINAPRS117 and find that if I power off the PC and leave the TNC and radio up, when I come back, I am unable to communicate with the TNC. I finally had to disconnect the internal battery in the TNC and completely reset it last night to get back in. I'd like to be able to leave my station up without the PC and my PK-12 manual says that I can do this. I tried the triple control C from the TNC window incase it was in host mode, but no effect. Any suggestions will be greatly appreciated.

73,
John S. Seybold
K4PRC
jseybold@tasc.com

From schiers@ames.net Fri Dec 13 08:19:59 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA07972 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:19:58 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (schiers.ames.net [206.29.126.237]) by brain.ames.net (8.6.12/8.6.9) with SMTP id IAA24893 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:18:19 -0600
Message-Id: <199612131418.IAA24893@brain.ames.net>
Date: Fri, 13 Dec 96 08:18:04 -0600
To: aprssig@tapr.org
Subject: Gateway TNC after AEA Demise?
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

Now that it appears that AEA is going into the bit bucket, what would the two major software authors, (Bob and Mark/Keith), suggest as a replacement for the DSP2232.

Is there a non-AEA TNC out there that will do dual port simultaneous and run in the gateway mode AND be compatible with WinAPRS specifically and possibly dosAPRS?

hasan schiers, NOAN--

schiers@ames.net

From wa8inz@concentric.net Fri Dec 13 08:25:03 1996
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA08096 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:25:02 -0600 (CST)

Received: from LOCALNAME (61038d0009at.concentric.net [206.173.85.189])
by cliff.cris.com (8.8.3/(96/11/08 1.11))
id JAA16750; Fri, 13 Dec 1996 09:25:00 -0500 (EST)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>
Message-ID: <32B18359.244D@concentric.net>
Date: Fri, 13 Dec 1996 08:24:57 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7174] Hold on, thar!!!
References: <199612130513.VAA04385@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Duncan wrote:

>
> A cloud of dust, a click of the keys and a hearty hi-ho Redstone....
>
> Could it be, YES it IS!!!!
>
> It's the L0000000000NE DERANGER!
>
> Welcome back, Bill..... (that would be Bill Nolle, of course, folks!)
>
> 73 de Jim, KU0G
> Chairman/Coordinator
> Kansas City APRS Working Group
> EMail: ku0g@kcaprs.com
> EMail: ku0g@sprynet.com

Well Jim, in one of my messages I did write that I never left the sig and have been reading all postings right along. I just haven't been so vocal Hi as i was before. Also since I invested in a Tripmate I feel this is a good place to discuss it also. On the topic of Tripmate wouldn't it be great if APRS could be interfaced to SA4 what a setup that would be. I really love Tripmate so much I bought a brandnew 130Mhz laptop to run it on.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

From wa8inz@concentric.net Fri Dec 13 08:31:42 1996
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA08337 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:31:41 -0600 (CST)
Received: from LOCALNAME (61038d0009at.concentric.net [206.173.85.189])
by cliff.cris.com (8.8.3/(96/11/08 1.11))

id JAA18667; Fri, 13 Dec 1996 09:31:39 -0500 (EST)

[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Message-ID: <32B184E9.9CC@concentric.net>

Date: Fri, 13 Dec 1996 08:31:37 -0800

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7175] Re: Tripmate ext. antenna?

References: <199612130751.CAA13297@newworld.bridge.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>

> >I've been following the mail about the tripmate and I am wondering if it
> >is possible to modify it to use an external antenna. I don't quite like
> >the idea of setting it on the dashboard for several reasons, especially
> >because of its bright color. Please, I would like to find out before I
> >go out and purchase one.

> >

Why would anyone want a external antenna for the Tripmate, If so why not
just glue some magnets on the bottom of the receiver and place it on top of
the vehicle it looks like it's water tight. Personally with what testing I
have done with the receiver on the dash works just great in fact much
better then my Magellan ever did.

--

\\\\\\\\

(0 0)

--o0-()-0o--

wa8inz@amsat.org

wa8inz@cris.com

From jkozak@erols.com Fri Dec 13 08:46:34 1996

Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA09098 for <aprssig@tapr.org>; Fri, 13
Dec 1996 08:46:30 -0600 (CST)

Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp2.erols.com (8.7.5/8.7.3) with SMTP id JAA22274 for <aprssig@tapr.org>; Fri,
13 Dec 1996 09:46:20 -0500 (EST)

Date: Fri, 13 Dec 1996 09:46:20 -0500 (EST)

Message-Id: <199612131446.JAA22274@smtp2.erols.com>

X-Sender: jkozak@pop.erols.com

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: jkozak@erols.com (John W. Kozak)

Subject: GPS STRINGS UPDATE

>>	Pos	Pos/Alt	Cse/Spd	Pos/Cse/Spd	Az/EI	Alt	Alt	Hdg	
>> GPS UNIT	GLL	GGA	VTG	RMC	GSV	PGRMZ	PMGLB	HDM	**
>> -----	---	-----	-----	-----	-----	-----	-----	---	--
>> Magln 5000	X	X	X	.	?		?	.	
>> Magln 5000DX	X	X	X	X	.	.	.	.	1
>> Garmin GPS-20	.	X	X	X	X	.	.	.	
>> GARMIN GPS 25	.	X	X	X	X	.	.	.	2
>> Garmin45 v1.5	X	.	X	X	.	.	.	.
>> Garman45 v2.0	X	X	.	X	X	X	.	.	
>> Garmin GPS-55	x	.	.	X	.	X	.	.	3
** Garman GPS 90	SOON								
>> Garmin GPS95XL	X	.	.	X	.	X	.	.	3
>> Icom GP-22									
>> w/OPK-4	X	X	X	.	.	.	.	.
>> Tripmate	.	X	.	X	X	.	.	.	4
>--									

=====

**

- 1- Magellan NAV 5000DX also outputs : APA,APB,BWC,RMB,XTE
- 2- Garman 25 also outputs : BOD,GSA,RMB,RTE,WPL
- 3- Garmin 55 and 95XL also outputs : BWC,RMB,ROO,XTE,WPL
- 4- Delorme Tripmate also outputs : GSA,PRWRCH

APA : ?
APB : ?
BOD : ?
BWC : ?
GSA : Dopler & active Sat's
LCGLL: Loran Talker ID Lat/Long/UTC
LCVTG: Loran Talker ID track & velocity
RMB : ?
ROO : ?
RTE : ?
WPL : ?
XTE : ?

From alan@ernest.itg.ti.com Fri Dec 13 08:51:29 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA09469 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:51:27 -0600 (CST)
Received: from ernest.itg.ti.com ([172.25.50.162]) by gatekeep.ti.com (8.6.13) with SMTP id IAA23806 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:50:54 -0600
Received: by ernest.itg.ti.com (Smail3.1.28.1 #4)
id m0vYYv9-0000nWC; Fri, 13 Dec 96 08:49 CST
Message-Id: <m0vYYv9-0000nWC@ernest.itg.ti.com>
From: alan@ernest.itg.ti.com (Alan Edmonds)
Subject: Re: [APRSSIG:7178] AEA PK-12 problems with APRS
In-Reply-To: <s2b11d2b.021@smtpgate.read.tasc.com> from "John S. Seybold" at "Dec 13, 96 08:15:44 am"

To: aprssig@tapr.org
Date: Fri, 13 Dec 1996 08:48:58 -0600 (CST)
Organization: Texas Instruments, Inc. Plano TX
X-Mailer: ELM [version 2.4ME+ PL26 (25)]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> I am using a PK-12 with WINAPRS117 and find that if I power off the PC
> and leave the TNC and radio up, when I come back, I am unable to
> communicate with the TNC. I finally had to disconnect the internal battery
> in the TNC and completely reset it last night to get back in. I'd like to be
> able to leave my station up without the PC and my PK-12 manual says that
> I can do this. I tried the triple control C from the TNC window incase it
> was in host mode, but no effect. Any suggestions will be greatly
> appreciated.

I use a PK-12 with dosAPRS and don't have this problem. It probably
has to do with flow control. Make sure flow control is turned off.
When the PC is down, the PK-12 will still spew packets out the serial port.
It might be hung waiting for an XON or something.....

--

Alan Edmonds, KB5ZUY	Texas Instruments, Inc.
System Administrator, Composer Development	M/S 8515
Phone: +1-972-575-6427	6620 Chase Oaks Blvd.
Email: Alan.Edmonds@ti.com	Plano, TX, USA 75023

From sproul@ap.org Fri Dec 13 08:56:30 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA09680 for <aprssig@tapr.org>; Fri, 13 Dec 1996 08:56:28 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id JAA06175; Fri, 13 Dec 1996 09:50:08 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007802aed71c1d416e@[165.1.27.20]>
In-Reply-To: <s2b11d2b.021@smtpgate.read.tasc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 09:45:07 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7178] AEA PK-12 problems with APRS

>To all,
>

>Apologies for posting a mundane request for help - I do not know who
>else to ask.

>

>I am using a PK-12 with WINAPRS117 and find that if I power off the PC
>and leave the TNC and radio up, when I come back, I am unable to

>communicate with the TNC. I finally had to disconnect the internal battery
>in the TNC and completely reset it last night to get back in. I'd like to be
>able to leave my station up without the PC and my PK-12 manual says that
>I can do this. I tried the triple control C from the TNC window incase it
>was in host mode, but no effect. Any suggestions will be greatly
>appreciated.
>
>73,
>John S. Seybold
>K4PRC
>jseybold@tasc.com

WinAPRS does not put the TNC into HOST mode, HOST mode is a special mode
that AEA has for communication with their software. If you were running
something like PC-PACRAT that puts it into host mode, then you normally
have to use that same software to take it OUT of host mode.

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sproul@ap.org Fri Dec 13 09:26:22 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id JAA11342 for <aprssig@tapr.org>; Fri, 13 Dec 1996 09:26:19 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id KAA07328; Fri, 13 Dec 1996 10:19:59 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007804aed71f480026@[165.1.27.20]>
In-Reply-To: <199612131418.IAA24893@brain.ames.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 09:57:36 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7179] Gateway TNC after AEA Demise?

>Now that it appears that AEA is going into the bit bucket, what would the
>two major software authors, (Bob and Mark/Keith), suggest as a replacement
>for the DSP2232.
>
>Is there a non-AEA TNC out there that will do dual port simultaneous and
>run in the gateway mode AND be compatible with WinAPRS specifically and

>possibly dosAPRS?
>
>

The KAM Plus I think

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From JSseybold@smtpgate.read.tasc.com Fri Dec 13 09:41:12 1996
Received: from fandago.read.tasc.com (fandago.read.tasc.com [147.81.240.29]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA11968 for <aprssig@tapr.org>; Fri, 13
Dec 1996 09:41:11 -0600 (CST)
Received: from daphne.read.tasc.com (daphne1.read.tasc.com) by
fandago.read.tasc.com (4.1/TASC-1.9)
id AA13113; Fri, 13 Dec 96 10:34:15 EST
Received: from smtpgate.read.tasc.com by daphne.read.tasc.com (5.x/
PRAT[SECURE-2.8])
id AA09390; Fri, 13 Dec 1996 10:40:54 -0500
Received: from TASCREAD-Message_Server by smtpgate.read.tasc.com
with Novell_GroupWise; Fri, 13 Dec 1996 10:40:53 -0500
Message-Id: <s2b132b5.065@smtpgate.read.tasc.com>
X-Mailer: Novell GroupWise 4.1
Date: Fri, 13 Dec 1996 10:39:33 -0500
From: "John S. Seybold" <JSseybold@smtpgate.read.tasc.com>
To: aprssig@tapr.org
Subject: [APRSSIG:7184] Re: AEA PK-12 problems with APRS -Reply

Thanks Mark,

This was actually a situation where I was in WinAPRS, gracefully exited
the program and turned the PC off. When I came back later, I could not
get back into the TNC using WinAPRS (or anything else for that matter).
So I do not think that it was put into host mode, unless WINAPRS did it
when I exited, or the power off transients did it.

Perhaps Alan Edmonds suggestion about flow control will solve the
problem, what do you think? Would I turn flow control off from the
terminal window before I exit WinAPRS? How do I get it turned back on
when I re-enter WinAPRS?

On message length; someone told me that DOS APRS is 64 characters
and WinAPRS is 53. I have found that if I use the whole text window in
WinAPRS, it gets cut off.

Thanks for your help.

73,

John S. Seybold
jsseybold@tasc.com

From alan@watsun.cc.columbia.edu Fri Dec 13 10:01:16 1996
Received: from manila.cc.columbia.edu (manila.cc.columbia.edu [128.59.39.200]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA13041 for <aprssig@tapr.org>; Fri, 13 Dec 1996 10:01:15 -0600 (CST)
Received: (from alan@localhost) by manila.cc.columbia.edu (8.8.3/8.8.3) id LAA22624 for aprssig@tapr.org; Fri, 13 Dec 1996 11:01:14 -0500 (EST)
Date: Fri, 13 Dec 96 11:01:13 EST
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: aprssig@tapr.org
In-Reply-To: Your message of Fri, 13 Dec 1996 08:31:56 -0600 (CST)
Subject: Re: Tripmate ext. antenna?
Message-ID: <CMM.0.90.4.850492873.alan@manila.cc.columbia.edu>

Eric wrote:

>Basically you need to dig the unit out of the box, disconnect
>the patch antenna, and rig up a connector.

>The problem is that there is no voltage supply for a preamp. There
>is the network for it, but from the material on the chip set I read the
>....

Isn't it just the case of capacitively coupling the antenna feedline
to the GPS and putting some DC on it?

```
---| |---+-----> coax toward remote antennna
      |
      +--- +V
```

Presumably, if you're going to this much trouble to void your warranty
you've already added an external power source...

Don't flame me too hard if I am off base here. I do admit being
weeded out of EE very early (Omar Wing's Circuits class) and going
into CS:-) EE's know what CS really stands for.

73 de Alan N2YGK

From eac@shore.net Fri Dec 13 10:04:50 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA13394 for <aprssig@tapr.org>; Fri, 13 Dec 1996 10:04:49 -0600 (CST)
Received: from northshore.shore.net (eac@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id LAA23233 for <aprssig@tapr.org>; Fri, 13 Dec 1996 11:04:46 -0500 (EST)

Received: (from eac@localhost) by northshore.shore.net (8.8.3/8.8.3) id LAA21849 for aprssig@tapr.org; Fri, 13 Dec 1996 11:04:45 -0500 (EST)
Date: Fri, 13 Dec 1996 11:04:45 -0500 (EST)
From: "Eric A. Cottrell" <eac@shore.net>
Message-Id: <199612131604.LAA21849@northshore.shore.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7175] Re: Tripmate ext. antenna?

Hello,

No voltage is supplied to the antenna connection. It does look like at least the output side components are there. The problem is where to feed the power into to come out on the output side as I think preamp power is fed through the RF chip.

73 Eric eac@shore.net WB1HBU

From jkozak@erols.com Fri Dec 13 10:19:00 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA14113 for <aprssig@tapr.org>; Fri, 13 Dec 1996 10:18:58 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by smtp2.erols.com (8.7.5/8.7.3) with SMTP id LAA05593 for <aprssig@tapr.org>; Fri, 13 Dec 1996 11:18:44 -0500 (EST)
Date: Fri, 13 Dec 1996 11:18:44 -0500 (EST)
Message-Id: <199612131618.LAA05593@smtp2.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:7181] Re: Tripmate ext. antenna?

As per previous message..

>> >I've been following the mail about the tripmate and I am wondering if it
>> >is possible to modify it to use an external antenna. I don't quite like
>> >the idea of setting it on the dashboard for several reasons, especially
>> >because of its bright color. Please, I would like to find out before I
>> >go out and purchase one.

>Why would anyone want a external antenna for the Tripmate, If so why not
>just glue some magnets on the bottom of the receiver and place it on top of
>the vehicle it looks like it's water tight. Personally with what testing I
>have done with the receiver on the dash works just great in fact much
>better then my Magellan ever did.

>--

> \\\\\\\
> (0 0)
> *--oO-()-Oo--*
> wa8inz@amsat.org
> wa8inz@cris.com

I do not consider the Tripmate to be water tight. Water resistant maybe. I am running on external power and am not using the batteries, so I plan on replacing the bottom half of the case with a flat plate and magnet and SEALING the unit. This will give the unit a lower profile and make it stay in place better. It does work very well on the dash in my van. I leave mine on the dash and powered all the time, so it is soon to get a less noticable color. The yellow has to go! Be sure to use a NON-metallic paint if you do this! If you aren't sure of your paint, spray a peice of plastic or whatever and watch your signal strength as you hold it over the GPS.

John Kozak; N3AGG
jkozak@erols.com

From bruninga@nadn.navy.mil Fri Dec 13 10:22:50 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA14322 for <aprssig@tapr.org>; Fri, 13 Dec 1996 10:22:48 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id LAA28238 for <aprssig@tapr.org>; Fri, 13 Dec 1996 11:27:57 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 13 Dec 1996 11:27:57 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Great APRS HF for \$189!
Message-ID: <Pine.GSO.3.95.961213104508.15652B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ordered MFJ 30m HF transceiver Monday, got it Thurs (regular UPS) and bench tested it today. I'm still very happy! Looks like it will make a GREAT APRS HF packet rig:

VFO - 10.100-150 (actual 10.098-155) (worst case dial error abt 2.5Khz)
BFO - Factory set to 780 Hz. Screwdriver adj for 2125 HZ packet
IF - 6 MHz. 490 Hz (3dB) passband!
570 Hz (6dB) Couldn't measure lower due to AGC
VERY NARROW 4 pole XTAL ladder filter
Specs claim 750 Hz (probably 60dB pts)
RIT - 900Hz measured. 1500 Hz claimed
SENS- 2 uv for 20 dB SNR (estimated. Sine wave looked 90% perfect)

Receive Current - 50 ma (50 hours on a set of AA's!)

It is important to note that this is a true SSB Hetrodyne transceiver with 6 MHz IF and CW width XTAL filters (4 MHz VFO). Considering the QRM on HF packet (not necessarily on 10.151 which is clean) this narrow filter is like an 8 dB improvement in noise performnce and even better in the presence of QRM. Remember, most of us run VOICE SSB radios with a 2.7 KHz filter even though packet is only 400 HZ wide. Even if you switch in the CW filter on most rigs, they are fixed at 750 Hz and cannot be used for

packet at 2125 Hz.

TRANSMITTER: > 4 Watts at 13.8v untested
1 amp at 13.8 untested

NOTE: To transmit packet, you will need to take the TXD data from your modem disconnect header in your TNC and run it to a varactor diode to FSK this CW transmitter. I will work up the mods to change the RIT circuit into a XMTR FSK circuit. Will report more then...

But so far I am very impressed for \$189 (wired and tested)
... (YOUR MILAGE MAY VARY!) Remember, I still havent hooked it up for packet nor begun the XMT mods...

DISADVANTAGES:

- QRP 4 watts. I plan to add the Ramsey 20 Watt amp (\$49 Kit)
- VFO freq drift expect to be a problem when human not present
- XMT FSK mods required (probably just a pot and connectors)
- IF feedthrough (I could hear a 6MHz SW station bleeding through the IF) but couldnt test the isolation because my sig gen only goes >10 MHz

If all you want to do is operate an HF gate, then only using the RECEIVER is perfect, rather than having your \$1000 HF rig at risk during lightening storms etc...

PROJECTS FOR SOMEONE:

Replacing the VFO cap (which is simply connected to an NE602 chip) with an XTAL circuit for 10.151 should improve any freq drift.

FSK mods

PA mods

Hey this is fun. I wouldnt touch my \$1200 HF rig, but this is a tweekers delight. This takes me back to the good ole days of modifying equipment for fun and perfection...

OBJECTIVE: A 25 watt HF mobile rig for APRS.

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From aa0mm@cjnetworks.com Fri Dec 13 10:40:05 1996

Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA15392 for <aprssig@tapr.org>; Fri, 13 Dec 1996 10:40:03 -0600 (CST)

Received: from LOCALNAME (Port73.cjnetworks.com [206.52.158.84]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id JAA26518 for <aprssig@tapr.org>; Fri, 13 Dec 1996 09:53:12 -0600 (CST)

Message-ID: <32B197F6.50E0@cjnetworks.com>

Date: Fri, 13 Dec 1996 09:52:54 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
Organization: Consolidated Associations of Railroad Employees
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7179] Gateway TNC after AEA Demise?
References: <199612131418.IAA24893@brain.ames.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

schiers@ames.net wrote:

>
> Now that it appears that AEA is going into the bit bucket, what would the
> two major software authors, (Bob and Mark/Keith), suggest as a replacement
> for the DSP2232.
>
> Is there a non-AEA TNC out there that will do dual port simultaneous and
> run in the gateway mode AND be compatible with WinAPRS specifically and
> possibly dosAPRS?
>
> hasan schiers, NOAN--
> -----
> schiers@ames.net
> -----

Check out kantronics.com when you get some time. I think they have what
you are looking for. I have never used an AEA, so can not advise you on
features specific. However, the Kantronics line is a fine TNC, and they
have EXCELLANT TECH SUPPORT!

From N2ZRC@gnn.com Fri Dec 13 10:42:55 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA15492 for <aprssig@tapr.org>; Fri, 13 Dec 1996
10:42:54 -0600 (CST)
Received: from 37-81.client.gnn.com. (37-81.client.gnn.com [205.188.37.81])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id LAA06701 for <aprssig@tapr.org>;
Fri, 13 Dec 1996 11:42:18 -0500 (EST)
Message-Id: <199612131642.LAA06701@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 11:42:00
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: DEEYENDA MADDICK VIRUS (fwd)

Hi All,

I received this today via my ARES/RACES mail-reflector:

>Date: Thu, 12 Dec 1996 16:35:55 -0500 (EST)

>From: Barry Schwartz <godzilla@panix.com>

>Thought the below may be of interest to all....it came from the MARS list.

>----- Forwarded message -----

>Date: Thu, 12 Dec 96 09:42:44 GMT

>*****

>

>VIRUS OVER THE INTERNET!!!

>

>VERY IMPORTANT INFORMATION, PLEASE READ!

>

>There is a computer virus that is being sent across the Internet. If you receive an

>email message with the subject line "Deeyenda", DO NOT read the message, DELETE it

>immediately!

>

>Some miscreant is sending email under the title "Deeyenda" nationwide, if you get anything like this DON'T DOWNLOAD THE FILE! It has a virus that rewrites your hard

>drive, obliterates anything on it. Please be careful and forward this e-mail to anyone you care about.

>

>Please read the message below.

>

>FCC WARNING!!!!!! -----DEEYENDA PLAGUES INTERNET

>

>The Internet community has again been plagued by another computer virus. This message is being spread throughout the Internet, including USENET posting, EMAIL, and other Internet activities.

>

>The reason for all the attention is because of the nature of this virus and the potential security risk it makes.

>Instead of a destructive Trojan virus (like most viruses!), this virus referred to as Deeyenda Maddick, performs a comprehensive search

>on your computer, looking for valuable information, such as email and login passwords, credit cards, personal info., etc.

>

>The Deeyenda virus also has the capability to stay memory resident while running a host of applications and operation systems, such as Windows 3.11 and Windows 95.

>What this means to Internet users is that when a login and password are sent to the server, this virus can copy this information and SEND IT OUT TO AN UNKNOWN ADDRESS

>(varies).

>

>The reason for this warning is because the Deeyenda virus is virtually undetectable.

>Once attacked your computer will be unsecure. Although it can attack any O/S

this
>virus is most likely to attack those users viewing Java enhanced Web Pages
(Netscape
>2.0+ and Microsoft Internet Explorer 3.0+ which are running under Windows 95).
Re-
>searchers at
>Princeton University have found this virus on a number of World Wide Web pages
and
>fear its spread.
>
>Please pass this on, for we must alert the general public at the security risks.
>
>.....end of virus warning.....

=====
===

I don't know whether or not this is for real, or merely one of those crackpot
virus warnings that show up from time to time. You be the judge. But "forewarned
is forearmed." 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From bruninga@nadm.navy.mil Fri Dec 13 10:50:34 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA15932 for <aprssig@tapr.org>; Fri, 13
Dec 1996 10:50:32 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id LAA03476 for <aprssig@tapr.org>; Fri, 13 Dec 1996
11:55:50 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 13 Dec 1996 11:55:49 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRSdos interface to Delorme etc
In-Reply-To: <32B18359.244D@concentric.net>
Message-ID: <Pine.GS0.3.95.961213114418.15652H-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Dec 1996, William Nolle wrote:

> ... On the topic of Tripmate wouldn't it be great if APRS could be
> interfaced to SA4 what a setup that would be. I really love Tripmate so
> much I bought a brandnew 130Mhz laptop to run it

APRSdos REPLY/COMMENT: I just updated my DOCS yestdy to reduce the optional Delorme interface from \$39 to \$9. (I never sold any anyway,hihi)

What this does, is allow you to run APRS on an old PC as a communications front end to Delorme or any other software that accepts a NMEA input. What APRS does is to output via its 2nd serial port, NEMA data for any object on your APRS MAP. Of course no callsign or symbol characters will cross the interface, but you will see a dot or posit on the other mapping software wherever there is an APRS posit.

To select which object is sent over to the other Mapping Program computer, use any of the APRS methods for selecting (hooking) objects:

- Mover cursor and hit ENTER
- +/- keys to scan entire P-List
- <> Keys to scan only Stns/Object on the current display
- N Key for next WX station
- TRACK - By marking a station on the P-LIST for tracking, then EVERY new posit from that station will be passed over the serial port to the other PC...

Since no one has ever bought this interface, caveat emptor. But if any of the above does not work, then I will fix it in the next version, hi hi...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From alan@watsun.cc.columbia.edu Fri Dec 13 10:55:40 1996
Received: from manila.cc.columbia.edu (manila.cc.columbia.edu [128.59.39.200]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA16119 for <aprssig@tapr.org>; Fri, 13 Dec 1996 10:55:39 -0600 (CST)
Received: (from alan@localhost) by manila.cc.columbia.edu (8.8.3/8.8.3) id LAA23471; Fri, 13 Dec 1996 11:55:37 -0500 (EST)
Date: Fri, 13 Dec 96 11:55:37 EST
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: aprssig@tapr.org
Cc: n2amp@weca.org, n2fmc@weca.org, n2sf@weca.org, wb2vvs@weca.org
Subject: prototype APRS node (on Linux)
Message-ID: <CMM.0.90.4.850496137.alan@manila.cc.columbia.edu>

Hello,

N2YGK-8 in FN31cd is running a prototype APRS node that does conventional digipeating as well as SSID-based digipeating. The flood (WIDE-N) mode will be added to it hopefully this weekend. If you happen to have a MIC-E or would just like to simulate it and can reach my station direct (that means KD1DU, N2SF, N2FMC, and N2AMP if you drive up here again;-) give it a shot. If any of the rest of you are APRS mobile in Westchester County, I should hear you direct in the vicinity of Briarcliff Manor on the Taconic State Parkway, which is in the same valley as my house:-)

N2YGK-8 is listening on 145.79 for SSID to-addresses of APRS and VOX

(I think) as well as the usual RELAY alias for conventional stuff and will repeat this out with an unproto path of WIDE-n for SSID's below 8 and with various directional paths for SSID's above 7 as described in the MIC-E.TXT. It will only respond to SSID-based packets if the digi list is *empty* as that is the whole point of SSID routing!

To simulate a MIC-E, set your UNPROTO path to APRS-n (*no* VIA), where n is 1 thru 7 for WIDE-1 thru WIDE-7 flooding (but no other digis in the area implement flooding so it won't get you anywhere). Use 8 thru 15 for N, S, E, W, N+wide, S+wide, E+wide, W+wide paths.

The directional paths I've set up are:

N: KD1DU-15 WA1LOU-15 (sorry, but that's as due north as I can get!)
S: N2SF WA2JNF-4
E: KD1DU-15 KD1LY
W: KD1DU-15 N2MH-15

I'll make the code available shortly. It only runs on a Linux system. Not exactly something to colocate with a repeater, but a good way to try out some ideas.
/a

From bruninga@nadm.navy.mil Fri Dec 13 11:05:21 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA16852 for <aprssig@tapr.org>; Fri, 13 Dec 1996 11:05:19 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id MAA05737 for <aprssig@tapr.org>; Fri, 13 Dec 1996 12:10:37 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 13 Dec 1996 12:10:36 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7188] Re: Tripmate ext. antenna?
In-Reply-To: <199612131604.LAA21849@northshore.shore.net>
Message-ID: <Pine.GS0.3.95.961213120552.15652L-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I cannot for the life of me understand why anyone would want to add an external antenna to the tripmate and add the complexity of RF cables, connectors, DC biasing, and and an external antenna. And then being limited to RF cable length etc.

The tripmate sounds like it is an ideal package with GPS and antenna all in one and you can have an infinitely long DC/DATA cable to it. Just stick it on the roof or wherever you would normally plan on putting the antenna!

If it is not WX proof, then solve that with some epoxy. If you dont like the color, paint it. I havent seen one, so these statements may come back to haunt me as a fool, but The BEST GPS units for APRS are all-in-ones

where there is NO RF cable and you can put it ANYWHERE you can string a small DC/DATA cable...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From garnold@naples.net Fri Dec 13 11:13:10 1996
Received: from gator.naples.net (gator.naples.net [205.160.191.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA17292 for <aprssig@tapr.org>; Fri, 13 Dec 1996 11:13:08 -0600 (CST)
Received: from port50.annex1.naples.net (port50.annex1.naples.net [205.160.191.146]) by gator.naples.net (8.6.9/8.6.12) with SMTP id MAA07307 for <aprssig@tapr.org>; Fri, 13 Dec 1996 12:13:15 -0500
Message-ID: <32B1FF77.35E4@naples.net>
Date: Fri, 13 Dec 1996 17:14:31 -0800
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7192] DEEYENDA MADDICK VIRUS (fwd)
References: <199612131642.LAA06701@mail-e2b.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:

>
> Hi All,
>
> I received this today via my ARES/RACES mail-reflector:
>
> >Date: Thu, 12 Dec 1996 16:35:55 -0500 (EST)
> >From: Barry Schwartz <godzilla@panix.com>
>
> >Thought the below may be of interest to all....it came from the MARS list.
> >----- Forwarded message -----
> >Date: Thu, 12 Dec 96 09:42:44 GMT
> >*****
> >
> >VIRUS OVER THE INTERNET!!!
> >
> >VERY IMPORTANT INFORMATION, PLEASE READ!
> >
> >There is a computer virus that is being sent across the Internet. If you receive an
> >email message with the subject line "Deeyenda", DO NOT read the message, DELETE it
> >immediately!
> >
> >Some miscreant is sending email under the title "Deeyenda" nationwide, if you get

> >anything like this DON'T DOWNLOAD THE FILE! It has a virus that rewrites your
hard
> >drive, obliterates anything on it. Please be careful and forward this e-mail to
> >anyone you care about.
> >
> >Please read the message below.
> >
> >FCC WARNING!!!!!! -----DEEYENDA PLAGUES INTERNET
> >
> >The Internet community has again been plagued by another computer virus. This
> >message is being spread throughout the Internet, including USENET posting,
EMAIL,
> and other Internet activities.
> >
> >The reason for all the attention is because of the nature of this virus and the po-
> >tential security risk it makes. Instead of a destructive Trojan virus (like most vi-
> >ruses!), this virus referred to as Deeyenda Maddick, performs a comprehensive
search
> >on your computer, looking for valuable information, such as email and login
pass-
> >words, credit cards, personal info., etc.
> >
> >The Deeyenda virus also has the capability to stay memory resident while
running a
> host of applications and operation systems, such as Windows 3.11 and Windows 95.
What
> >this means to Internet users is that when a login and password are send to the ser-
> >ver, this virus can copy this information and SEND IT OUT TO AN UNKNOWN ADDRESS
> >(varies).
> >
> >The reason for this warning is because the Deeyenda virus is virtually
undetectable.
> >Once attacked your computer will be unsecure. Although it can attack any O/S
this
> >virus is most likely to attack those users viewing Java enhanced Web Pages
(Netscape
> >2.0+ and Microsoft Internet Explorer 3.0+ which are running under Windows 95).
Re-
> >searchers at
> >Princeton University have found this virus on a number of World Wide Web pages
and
> >fear its spread.
> >
> >Please pass this on, for we must alert the general public at the security
risks.
> >
> >.....end of virus warning.....
>
>

=====

===

>

> I don't know whether or not this is for real, or merely one of those crackpot

> virus warnings that show up from time to time. You be the judge. But "forewarned

> is forearmed." 73

>

> Mr. Arte Booten (N2ZRC @ gnn.com)

> Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

>

> Cruise Missile Coordinates 4052.71N/07354.06W

>

> .. Coordinates laid in. Engaging at warp six ...

It's a hoax. For info on this one and others see:

<http://ciac.llnl.gov/ciac/CIACHoaxes.html>

That site also provides help in detecting hoaxes.

73 and Happy Holidays!

--

Gary Arnold CEM

Coordinator, Collier County (FL) Emergency Management

garnold@naples.net

76656.2753@compuserve.com

[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "<http://www.naples.net/govern/county/emrgmt/zccem1.htm>"

Personal page: "<http://www.naples.net/govern/county/emrgmt/garnold.htm>"

"I went to a restaurant that serves 'breakfast at any time'. I ordered French Toast during the Renaissance."

-- Steven Wright, perpipheral visionary

From sdimse@bridge.net Fri Dec 13 11:35:18 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA18795 for <aprssig@tapr.org>; Fri, 13 Dec 1996 11:35:16 -0600 (CST)

Received: from [199.174.156.27] (dd14-027.compuserve.com [199.174.156.27]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id MAA21793 for <aprssig@tapr.org>; Fri, 13 Dec 1996 12:35:06 -0500 (EST)

Message-Id: <199612131735.MAA21793@newworld.bridge.net>

Subject: Re: [APRSSIG:7181] Re: Tripmate ext. antenna?

Date: Fri, 13 Dec 96 12:35:08 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris EMailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

No I didn't write this. If you are going to put someone's name on a quotation, please make sure you are attributing to the correct party.

Start of quote from WA8INZ:

Steve Dimse wrote:

>
> >I've been following the mail about the tripmate and I am wondering if it
> >is possible to modify it to use an external antenna. I don't quite like
> >the idea of setting it on the dashboard for several reasons, especially
> >because of its bright color. Please, I would like to find out before I
> >go out and purchase one.
> >

End of quote...

From sdimse@bridge.net Fri Dec 13 11:41:50 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA18988 for <aprssig@tapr.org>; Fri, 13
Dec 1996 11:41:44 -0600 (CST)
Received: from [199.174.156.27] (dd14-027.compuserve.com [199.174.156.27]) by
newworld.bridge.net (8.8.3/8.8.3) with SMTP id MAA22356 for <aprssig@tapr.org>;
Fri, 13 Dec 1996 12:41:37 -0500 (EST)
Message-Id: <199612131741.MAA22356@newworld.bridge.net>
Subject: Re: [APRSSIG:7181] Re: Tripmate ext. antenna?
Date: Fri, 13 Dec 96 12:41:38 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

No, I didn't write this. Please, if you are going to attribute a quote to someone, make sure it is the right person! I was answering this question from another person.

>Steve Dimse wrote:

>>
>> >I've been following the mail about the tripmate and I am wondering if it
>> >is possible to modify it to use an external antenna. I don't quite like
>> >the idea of setting it on the dashboard for several reasons, especially
>> >because of its bright color. Please, I would like to find out before I
>> >go out and purchase one.
>> >
>
>Why would anyone want a external antenna for the Tripmate, If so why not
>just glue some magnets on the bottom of the receiver and place it on top of
>the vehicle it looks like it's water tight. Personally with what testing I
>have done with the receiver on the dash works just great in fact much
>better then my Magellan ever did.

```
>--  
>      \\\\\\\n  
>      (0 0)  
> *--o0-(_-)-0o--*  
> wa8inz@amsat.org  
> wa8inz@cris.com  
>
```

As hard as it is for you to realize, some people have different needs than you do. For example, I work in a high crime inner city area. Leaving anything in plain view invites theft. That means to use the Tripmate as part of a tracker, I'd need to set the thing up every time I drive. What I want is to have an antenna mounted in my convertible top and have the whole thing auto-power up when I turn on the ignition. The Tripmate is a great GPS for little money, and I would like to use it with an external antenna. I was sharing what I had learned on the subject with others who had similar plans to mine. Is this OK with you, or do we need to do it your way or not at all?

Steve K4HG

From N2ZRC@gnn.com Fri Dec 13 11:42:08 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA19031 for <aprssig@tapr.org>; Fri, 13 Dec 1996 11:42:06 -0600 (CST)
Received: from 37-81.client.gnn.com. (66-231.client.gnn.com [205.188.66.231])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id MAA29540;
Fri, 13 Dec 1996 12:41:33 -0500 (EST)
Message-Id: <199612131741.MAA29540@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 12:41:23
From: N2ZRC@gnn.com (Arte Booten)
To: JSseybold@smtpgate.read.tasc.com
Subject: Re: [APRSSIG:7178] AEA PK-12 problems with APRS
Cc: aprssig@tapr.org

Hi John,

On Fri, 13 Dec 1996 you wrote:

```
>... if I power off the PC and leave the TNC and radio up, when I come back, I am  
>unable to communicate with the TNC ... I'd like to be able to leave my station up  
>without the PC ...
```

If you were running APRSDos, I'd suggest you edit the file "RESTORE.TNC" which is located in the "SYSTEM" folder. I'm not sure if WinAPRS has such an animal, which sends your selected series of commands to your TNC when APRS is shutting down. 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From steve.hall@lerc.nasa.gov Fri Dec 13 12:21:01 1996
Received: from aruba.lerc.nasa.gov (aruba.lerc.nasa.gov [139.88.35.16]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA21157 for <aprssig@tapr.org>; Fri, 13
Dec 1996 12:21:00 -0600 (CST)
Received: from captiva.lerc.nasa.gov by aruba.lerc.nasa.gov with ESMTP (NASA LeRC
8.7.4.1/2.01-main)
id NAA21951; Fri, 13 Dec 1996 13:20:55 -0500 (EST)
Received: from kk4pm.lerc.nasa.gov by captiva.lerc.nasa.gov with SMTP (NASA LeRC
8.7.4.1/2.01-local)
id NAA28575; Fri, 13 Dec 1996 13:20:55 -0500 (EST)
Message-ID: <32B19D15.1908@lerc.nasa.gov>
Date: Fri, 13 Dec 1996 13:14:45 -0500
From: Steve Hall <steve.hall@lerc.nasa.gov>
Organization: NASA Lewis Research Center
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7192] DEEYENDA MADDICK VIRUS (fwd)
References: <199612131642.LAA06701@mail-e2b.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is a hoax. We had a notice at NASA about this last week.

Plus the FCC has nothing to do with investigating such things.

More info at following site:

<http://ciac.llnl.gov/ciac/bulletins/h-05.shtml>

Arte Booten wrote:

>
> Hi All,
>
> I received this today via my ARES/RACES mail-reflector:
>
> >Date: Thu, 12 Dec 1996 16:35:55 -0500 (EST)
> >From: Barry Schwartz <godzilla@panix.com>
>
> >Thought the below may be of interest to all....it came from the MARS list.
> >----- Forwarded message -----
> >Date: Thu, 12 Dec 96 09:42:44 GMT
> >*****
> >
> >VIRUS OVER THE INTERNET!!!
> >

> >VERY IMPORTANT INFORMATION, PLEASE READ!
> >
> >There is a computer virus that is being sent across the Internet. If you
receive an
> >email message with the subject line "Deeyenda", DO NOT read the message, DELETE
it
> >immediately!
> >
> >Some miscreant is sending email under the title "Deeyenda" nationwide, if you
get
> >anything like this DON'T DOWNLOAD THE FILE! It has a virus that rewrites your
hard
> >drive, obliterates anything on it. Please be careful and forward this e-mail to
> >anyone you care about.
> >
> >Please read the message below.
> >
> >FCC WARNING!!!!!! -----DEEYENDA PLAGUES INTERNET
> >
> >The Internet community has again been plagued by another computer virus. This
> >message is being spread throughout the Internet, including USENET posting,
EMAIL,
> and other Internet activities.
> >
> >The reason for all the attention is because of the nature of this virus and the po-
> >tential security risk it makes. Instead of a destructive Trojan virus (like most vi-
> >ruses!), this virus referred to as Deeyenda Maddick, performs a comprehensive
search
> >on your computer, looking for valuable information, such as email and login
pass-
> >words, credit cards, personal info., etc.
> >
> >The Deeyenda virus also has the capability to stay memory resident while
running a
> host of applications and operation systems, such as Windows 3.11 and Windows 95.
What
> >this means to Internet users is that when a login and password are send to the ser-
> >ver, this virus can copy this information and SEND IT OUT TO AN UNKNOWN ADDRESS
> >(varies).
> >
> >The reason for this warning is because the Deeyenda virus is virtually
undetectable.
> >Once attacked your computer will be unsecure. Although it can attack any O/S
this
> >virus is most likely to attack those users viewing Java enhanced Web Pages
(Netscape
> >2.0+ and Microsoft Internet Explorer 3.0+ which are running under Windows 95).
Re-
> >searchers at
> >Princeton University have found this virus on a number of World Wide Web pages

and
> >fear its spread.
> >
> >Please pass this on, for we must alert the general public at the security risks.
> >
> >.....end of virus warning.....
>
>
=====

===
>
> I don't know whether or not this is for real, or merely one of those crackpot
> virus warnings that show up from time to time. You be the judge. But "forewarned
> is forearmed." 73
>
> Mr. Arte Booten (N2ZRC @ gnn.com)
> Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA
>
> Cruise Missile Coordinates 4052.71N/07354.06W
>
> .. Coordinates laid in. Engaging at warp six ...

From lwalden@ebmud.com Fri Dec 13 12:31:55 1996
Received: from phantasm (phantasm.ebmud.com [204.30.140.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA21636 for <aprssig@tapr.org>; Fri, 13 Dec 1996 12:31:53 -0600 (CST)
Received: from lwalden.EBMUD ([204.30.146.238]) by phantasm (5.x/SMI-SVR4) id AA07894; Fri, 13 Dec 1996 10:26:45 -0800
Message-Id: <9612131826.AA07894@phantasm>
From: "Lee Walden" <lwalden@ebmud.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7195] Re: Tripmate ext. antenna?
Date: Fri, 13 Dec 1996 10:31:20 -0800
X-Msmail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Bob, the URL listed in your signature for the GPS on Any radio isn't any good. I just tried it and got a 404.

> GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>
>

From bruninga@nadm.navy.mil Fri Dec 13 12:50:14 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA22640 for <aprssig@tapr.org>; Fri, 13 Dec 1996 12:50:12 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id NAA19561 for <aprssig@tapr.org>; Fri, 13 Dec 1996
13:55:26 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 13 Dec 1996 13:55:25 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: HF APRS cheap
Message-ID: <Pine.GS0.3.95.961213134917.18326B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Went to lunch, came back and rig had drifted 90 Hz. That is typical of
some of the better analog VFO's (100 Hz per hour) but not good enough for
packet without operator interaction. Ill need to get a XTAL to replace
the VFO for hands off under-the-seat operation.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

From kc5ejk@onramp.net Fri Dec 13 12:59:49 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA22901 for <aprssig@tapr.org>; Fri, 13 Dec 1996
12:59:41 -0600 (CST)
Received: from [199.1.11.130] (dal30.onramp.net [199.1.11.130]) by
mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id MAA15094 for <aprssig@tapr.org>;
Fri, 13 Dec 1996 12:59:29 -0600 (CST)
Message-Id: <v03007800aed757fb364f@[199.1.11.112]>
In-Reply-To: <9612131826.AA07894@phantasm>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 12:59:33 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7201] Re: Tripmate ext. antenna?

>Bob, the URL listed in your signature for the GPS on Any radio isn't any
>good. I just tried it and got a 404.
>
>> GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>
>>

Try <http://www.tapr.org/tapr/html/mic-e.html>

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From bruninga@nadn.navy.mil Fri Dec 13 13:08:40 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by

This month's MILITARY & AEROSPACE ELECTRONICS reports that the AF will equip all C-5, C-141 and KC-10 aircraft with GPS data transmission capability that will append such "information to all cockpit E-mail messages. This will give Air Force Air Mobility Command the ability to locate airlift and refueling craft and get instant crew and cargo status information anywhere in the world."

Are E-mails sent on HF?

This suggests the possibility of decoding such information (GPS data output is a standard format) and getting much more info out of each intercept. Really not too much above what ACARS does for the commercial flight world.

Matt

=====

This is the WUN mailing list.

To post to the list, send a e-mail to : wun@grove.net

To unsubscribe the list, send a mail to: majordomo@grove.net

with only "unsubscribe wun" in the BODY of the e-mail.

=====

From hwm@netcom.com Fri Dec 13 13:13:58 1996

Received: from mm.wd6dod.ampr.org (hwm@netcom3.netcom.com [192.100.81.103]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA23762 for <aprssig@tapr.org>; Fri, 13 Dec 1996 13:13:53 -0600 (CST)

Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id LAA00102 for <aprssig@tapr.org>; Fri, 13 Dec 1996 11:14:25 -0800

Date: Fri, 13 Dec 1996 11:14:25 -0800 (PST)

From: Bob Lorenzini <hwm@netcom.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7196] Re: DEEYENDA MADDICK VIRUS (fwd)

In-Reply-To: <32B1FF77.35E4@naples.net>

Message-ID: <Pine.LNX.3.95.961213111338.96E-100000@mm.wd6dod.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

The hoax is the virus and we all got it.

Bob - wd6dod

From jkozak@erols.com Fri Dec 13 13:18:02 1996

Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA23944 for <aprssig@tapr.org>; Fri, 13 Dec 1996 13:17:55 -0600 (CST)

Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by smtp2.erols.com (8.7.5/8.7.3) with SMTP id OAA01191 for <aprssig@tapr.org>; Fri, 13 Dec 1996 14:17:50 -0500 (EST)

Date: Fri, 13 Dec 1996 14:17:50 -0500 (EST)

Message-Id: <199612131917.0AA01191@smtp2.erols.com>

X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:7198] Re: Tripmate ext. antenna?

>As hard as it is for you to realize, some people have different needs
>than you do. For example, I work in a high crime inner city area. Leaving
>anything in plain view invites theft. That means to use the Tripmate as
>part of a tracker, I'd need to set the thing up every time I drive. What
>I want is to have an antenna mounted in my convertible top and have the
>whole thing auto-power up when I turn on the ignition. The Tripmate is a
>great GPS for little money, and I would like to use it with an external
>antenna. I was sharing what I had learned on the subject with others who
>had similar plans to mine. Is this OK with you, or do we need to do it
>your way or not at all?

>

>Steve K4HG

>

Not trying to be smart....

I would think that the GPS would work under the seat in a convertible. It might not see the horizon, but should see a lot of the sky. In this situation, I'd just hang the whole thing under the ragtop. The cable is about the same size as the coax would be and it would sure save a lot of work. But I'd still get rid of the yellow! :)

John Kozak; N3AGG
jkozak@erols.com

From n0lrf@amsat.org Fri Dec 13 13:24:16 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA24561 for <aprssig@tapr.org>; Fri, 13 Dec 1996 13:24:13 -0600 (CST)
Received: from stump (port49.idtskc1.idir.net [204.189.69.202]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id NAA28531 for <aprssig@tapr.org>; Fri, 13 Dec 1996 13:24:33 -0600
Message-ID: <32B1ADCA.6D02@amsat.org>
Date: Fri, 13 Dec 1996 13:26:02 -0600
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7189] Re: Tripmate ext. antenna?
References: <199612131618.LAA05593@smtp2.erols.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John W. Kozak wrote:

> color. The yellow has to go! Be sure to use a NON-metallic paint if you do
> this! If you aren't sure of your paint, spray a peice of plastic or whatever
> and watch your signal strength as you hold it over the GPS.

I've found that Rustoleum Brand, flat black works well...

73, Paul, n0lr@amsat.org

From tparsons@peak.org Fri Dec 13 13:57:55 1996
Received: from PEAK.ORG (root@PEAK.ORG [198.68.22.17]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA26672 for <aprssig@tapr.org>; Fri, 13 Dec 1996
13:57:53 -0600 (CST)
Received: from parson (midgard94.PEAK.ORG [198.68.22.94]) by PEAK.ORG
(8.6.13/8.6.7) with SMTP id LAA29550 for <aprssig@tapr.org>; Fri, 13 Dec 1996
11:57:58 -0800
Message-Id: <2.2.32.19961213195730.00695660@peak.org>
X-Sender: tparsons@peak.org
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 11:57:30 -0800
To: aprssig@tapr.org
From: Tyler Parsons <tparsons@peak.org>
Subject: GPS STRINGS UPDATE

>>> Garmin45 v1.5	X	.	X	X	.	.	.	.
>>> Garman45 v2.0	X	X	.	X	X	X	.	.

Are the versions in the above representative of the software version displayed
in the GPS, ie v2.43 would send strings represented above as the
Garmin45 v2.0?

Thanks

Tyler Parsons PLS
WB7DDL USMA '68
tparsons@peak.org
<http://www.peak.org/~parson/>
Ray Bradbury: "We are an impossibility in an impossible universe."

From tparsons@peak.org Fri Dec 13 13:57:59 1996
Received: from PEAK.ORG (root@PEAK.ORG [198.68.22.17]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA26689 for <aprssig@tapr.org>; Fri, 13 Dec 1996
13:57:57 -0600 (CST)
Received: from parson (midgard94.PEAK.ORG [198.68.22.94]) by PEAK.ORG
(8.6.13/8.6.7) with SMTP id LAA29547 for <aprssig@tapr.org>; Fri, 13 Dec 1996
11:57:56 -0800
Message-Id: <2.2.32.19961213195728.0069f910@peak.org>
X-Sender: tparsons@peak.org
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 11:57:28 -0800
To: aprssig@tapr.org
From: Tyler Parsons <tparsons@peak.org>
Subject: Re: DEEYENDA MADDICK VIRUS

Gee folks, one original posting and 2 additional postings about this hoax virus that contained the complete text of the original. This hoax is spreading quite well, thank you.

Please don't forward messages about viruses unless you investigate whether or not they are real. There are a number of sources, including the McAfee and Symantec web pages that give information about real viruses as well as the common hoaxes such as Irina, Deeyenda, and Good Times.

If you actually get a virus, then we will be willing to hear of it, and in particular, how you got rid of it.

And please, you will be doing the rest of the mailing list a favor if you will cut out the irrelevant parts of messages before replying.

Thanks

Tyler Parsons PLS
WB7DDL USMA '68
tparsons@peak.org
<http://www.peak.org/~parsont/>
Ray Bradbury: "We are an impossibility in an impossible universe."

From CHEAD@CESADM.CORP.ti.com Fri Dec 13 13:58:52 1996
Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA26711 for <aprssig@tapr.org>; Fri, 13 Dec 1996 13:58:50 -0600 (CST)
From: CHEAD@CESADM.CORP.ti.com
Received: from robin.itg.ti.com ([172.25.2.75]) by dragon.ti.com (8.6.13) with ESMTP id NAA23240 for <aprssig@tapr.org>; Fri, 13 Dec 1996 13:58:19 -0600
Received: from cesadm.corp.ti.com (cesadm.corp.ti.com [128.247.153.56]) by robin.itg.ti.com (8.7.3/8.6.11) with SMTP id NAA05571 for <aprssig@tapr.org>; Fri, 13 Dec 1996 13:57:48 -0600 (CST)
Date: Fri, 13 Dec 1996 13:49:19 -0600 (CST)
To: aprssig@tapr.org
CC: CHEAD@CESADM.CORP.ti.com
Message-Id: <961213134919.2c00262d@CESADM.CORP.TI.COM>
Subject: RE: [APRSSIG:7208] Re: Tripmate ext. antenna?

Relative to the flat black paint for the Tripmate. Anyone have an idea how a black painted Tripmate will fare during a Texas summer? I think it would get pretty hot!

73 Claude Head
K5DTN
chead@cesadm.corp.ti.com

From khufford@erols.com Fri Dec 13 14:01:17 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA26792 for <aprssig@tapr.org>; Fri, 13
Dec 1996 14:01:10 -0600 (CST)
Received: from khufford.dot.gov ([152.120.98.42]) by smtp2.erols.com (8.7.5/8.7.3)
with ESMTP id PAA07793 for <aprssig@tapr.org>; Fri, 13 Dec 1996 15:01:06 -0500
(EST)
Message-Id: <199612132001.PAA07793@smtp2.erols.com>
From: "Kent Hufford" <khufford@erols.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7192] DEEYENDA MADDICK VIRUS (fwd)
Date: Fri, 13 Dec 1996 15:06:48 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I HAVE BEEN TOLD THAT THIS IS A FAKE MESSAGE.

YOU SHOULD CHECK WITH THE REAL SOURCES..

CHECK MCAFEE OR NORTON WEB PAGES

> From: Arte Booten <N2ZRC@gnn.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7192] DEEYENDA MADDICK VIRUS (fwd)
> Date: Friday, December 13, 1996 11:50 AM
>
> Hi All,
>
> I received this today via my ARES/RACES mail-reflector:
>
> >Date: Thu, 12 Dec 1996 16:35:55 -0500 (EST)
> >From: Barry Schwartz <godzilla@panix.com>
>
> >Thought the below may be of interest to all....it came from the MARS
list.
> >----- Forwarded message -----
> >Date: Thu, 12 Dec 96 09:42:44 GMT
> >*****
> >
> >VIRUS OVER THE INTERNET!!!
> >
> >VERY IMPORTANT INFORMATION, PLEASE READ!
> >
> >There is a computer virus that is being sent across the Internet. If
you receive an
> >email message with the subject line "Deeyenda", DO NOT read the message,
DELETE it
> >immediately!

> >
> >Some miscreant is sending email under the title "Deeyenda" nationwide,
if you get
> >anything like this DON'T DOWNLOAD THE FILE! It has a virus that
rewrites your hard
> >drive, obliterates anything on it. Please be careful and forward this
e-mail to
> >anyone you care about.
> >
> >Please read the message below.
> >
> >FCC WARNING!!!!!! -----DEEYENDA PLAGUES INTERNET
> >
> >The Internet community has again been plagued by another computer
virus. This
> >message is being spread throughout the Internet, including USENET
posting, EMAIL,
> >and other Internet activities.
> >
> >The reason for all the attention is because of the nature of this virus
and the po-
> >tential security risk it makes. Instead of a destructive Trojan virus
(like most vi-
> >ruses!), this virus referred to as Deeyenda Maddick, performs a
comprehensive search
> >on your computer, looking for valuable information, such as email and
login pass-
> >words, credit cards, personal info., etc.
> >
> >The Deeyenda virus also has the capability to stay memory resident while
running a
> >host of applications and operation systems, such as Windows 3.11 and
Windows 95. What
> >this means to Internet users is that when a login and password are send
to the ser-
> >ver, this virus can copy this information and SEND IT OUT TO AN UNKNOWN
ADDRESS
> >(varies).
> >
> >The reason for this warning is because the Deeyenda virus is virtually
undetectable.
> >Once attacked your computer will be unsecure. Although it can attack
any O/S this
> >virus is most likely to attack those users viewing Java enhanced Web
Pages (Netscape
> >2.0+ and Microsoft Internet Explorer 3.0+ which are running under
Windows 95). Re-
> >searchers at
> >Princeton University have found this virus on a number of World Wide Web
pages and
> >fear its spread.
> >
> >Please pass this on, for we must alert the general public at the

security risks.

> >

> >.....end of virus warning.....

>

>

=====
=====

>

> I don't know whether or not this is for real, or merely one of those crackpot

> virus warnings that show up from time to time. You be the judge. But "forewarned

> is forearmed." 73

>

>

> Mr. Arte Booten (N2ZRC @ gnn.com)

> Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

>

> Cruise Missile Coordinates 4052.71N/07354.06W

>

> .. Coordinates laid in. Engaging at warp six ...

>

From w2g3zfj@unix.asb.com Fri Dec 13 14:07:01 1996

Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA27231 for <aprssig@tapr.org>; Fri, 13 Dec 1996 14:07:00 -0600 (CST)

Received: from asb31 (sls21.asb.com [165.254.128.31]) by unix.asb.com (8.6.12/8.6.9) with SMTP id PAA03262 for <aprssig@tapr.org>; Fri, 13 Dec 1996 15:31:56 -0500

Date: Fri, 13 Dec 1996 15:31:56 -0500

Message-Id: <199612132031.PAA03262@unix.asb.com>

X-Sender: w2g3zfj@unix.asb.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: bob <w2g3zfj@unix.asb.com>

Subject: Re: [APRSSIG:7179] Gateway TNC after AEA Demise?

Hi Hasan

I used a PK232 initially but for the last 3 years of GATE operation I have used the Kantronics KAM Plus with both dosAPRS and for the last 6 months with winAPRS with no problems. Works fine.

73 de bob w2/g3zfj

Long Island Gate

At 08:22 13/12/96 -0600, you wrote:

>Now that it appears that AEA is going into the bit bucket, what would the
>two major software authors, (Bob and Mark/Keith), suggest as a replacement

>for the DSP2232.

>

>Is there a non-AEA TNC out there that will do dual port simultaneous and

>run in the gateway mode AND be compatible with WinAPRS specifically and

>possibly dosAPRS?

>

>

>hasan schiers, NOAN--

>-----

>schiers@ames.net

>-----

>

>

>

From markr@itexchsrv1.phx.mcd.mot.com Fri Dec 13 14:11:19 1996

Received: from itexchsrv1.phx.mcd.mot.com ([144.191.36.249]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id OAA27448 for <aprssig@tapr.org>; Fri, 13 Dec 1996

14:11:18 -0600 (CST)

Received: by itexchsrv1.phx.mcd.mot.com with SMTP (Microsoft Exchange Server
Internet Mail Connector Version 4.0.994.63)

id <01BBE8F6.A53DA4E0@itexchsrv1.phx.mcd.mot.com>; Fri, 13 Dec 1996 13:07:51

-0700

Message-ID:

<c=US%a=_mot%p=mot%l=ITEXCHSRV1-961213200749Z-3416@itexchsrv1.phx.mcd.mot.com>

From: Mark Rennebaum <markr@itexchsrv1.phx.mcd.mot.com>

To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: APRS in Austin

Date: Fri, 13 Dec 1996 13:07:49 -0700

X-Mailer: Microsoft Exchange Server Internet Mail Connector Version 4.0.994.63

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

I'll be in Austin TX on business but plan to take APRS with. Is there
anyone on the sig from Austin that can tell me if there is significant
APRS activity in the greater Austin area?

Thanks,

- Mark

Mark Rennebaum KC7KMP
Information Technology
Motorola MCG
Phone: 602-438-3176
2900 South Diablo Way
Pager: 1-800-759-8888

Pin # 1085466

Tempe, Arizona 85282
Fax: 602-438-5627
Mail Drop AZ43 - DW284
markr@phx.mcd.mot.com

From bbliss@juno.com Fri Dec 13 14:11:29 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA27473 for <aprssig@tapr.org>; Fri, 13
Dec 1996 14:11:26 -0600 (CST)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id PvM21795; Fri, 13 Dec 1996 15:10:53 EST
To: aprssig@tapr.org
Subject: NMEA/GPS additional DATA
Message-ID: <19961213.121016.2151.0.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-13,15,17-62
From: bbliss@juno.com (William B. Bliss)
Date: Fri, 13 Dec 1996 15:10:53 EST

All you SIGGERS,
My addition to NMEA/GPS DATA...

Subject: GPS NMEA..adittonal DATA Info.....

GPS UNIT	Pos GLL	Pos/Alt GGA	Cse/Spd VTG	Pos/Cse/Spd RMC	Az/El GSV	Alt PGRMZ	Alt PMGLB	Hdg HDM
Magln 5000	X	X	X	.	?		?	.
Garmin45 v1.5	X	.	X	X	.	.	.	.
v2.0	X	X	.	X	X	X	.	.
Garmin GPS-20	.	X	X	X	X	.	.	.
GARMIN GPS 25	.	X	X	X	X	.	.	.

Garmin GPS-55	x	.	.	X	.	X	.	.
**								
Garmin GPS95XL	X	.	.	X	.	X	.	.
**								
GARMIN GPS 130	X	X	X	X	X	X	.	.

Icom GP-22 w/OPK-4	X	X	X	.	.	.	.	.

-----My addition.....

Motorola
TRAXAR X X . X (RMB/C, APA, BWC, XTE)
Interphase
Pilot GPS X . X X (RMB, BWC, APA, APB)

The NMEA 0183 data sentences are:

\$GPRMC,224317,A,3657.55,N12203.80,W00.1,325,140491,15.5,E*7A
\$GPRMB,A,0.02,R,STRT,WEST,3657.54,N12303.80,W,047.9,270,00.1,V*01
\$GPGLL,3657.55,N,12203.80,W
\$GPBWC,224317,3657.54,N12303.80,W,270,T,255,M,047.9,N,WEST
\$GPVTG,325,T,309,M,00.1,N,00.2,K
\$GPAPA,A,A,0.02,R,N,V,V,255,M,WEST
\$GPAPB,A,A,0.02,R,N,V,V,255,M,WEST,255,M

Glossary:

APA..Autopilot Sentence, BWC..Bearing & Distance to Waypoint,
GGA..Global Positioning System Fix Data,
GLL..Geographic Position--Latitude/Longitude (Loran Data)
RMB/C..Recommended Minimum Navigation Information.
XTE.. Cross track Error., APB..??????, VTG,,????

----- End addition.

> ** The Garmin 55 and 95XL also output the following sentences:
> GPBWC, GPRMB, GPRO0, GPXTE and GPWPL

*** Also:

GSA: Doppler & active Sat's
LCGLL: Loran Talker ID Lat/Long/UTC
LCVTG: Loran Talker ID track & velocity

*** Also:

GSA, RMB, RTE, WPL, BOD

ICU,

--

73's & Enjoy, Bill/WB6LPG bbliss@juno.com & wbliss@coastside.net

NNNN

From bbliss@juno.com Fri Dec 13 14:28:05 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA29041 for <aprssig@tapr.org>; Fri, 13
Dec 1996 14:28:03 -0600 (CST)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id P|Y21795; Fri, 13 Dec 1996 15:26:53 EST
To: aprssig@tapr.org
Subject: \$GPRMC Sentence
Message-ID: <19961213.122622.2151.2.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-2,4-33,35-41,43-45,47-51
From: bbliss@juno.com (William B. Bliss)
Date: Fri, 13 Dec 1996 15:26:53 EST

Hi SIGgers,
Additional breakdown of RMC SENTENCE

Attn: GPS users...

Filed: 170500GMT MAR

Following protocol from Motorola Tech Support. May be of interest to APRS GPS MOBILE fans, posted several times past two years..

\$GPRMC PROTOCOL, RMC GPS Message. Gives Time, Position, Course/Speed. Best for APRS use, plots your mobile unit as you move, for all to see on their maps.

1 2 3 4 5 6 7 8 9 10 11 12
\$GPRMC,xxxxxx,A,xxxx.xx,N,xxxxx.xx,W,xx.xx,xxx.,xxxxxx,xx.,E*xx<CR><LF

No.	Field	Units/Range
1	Time, UTC	Hours, Minutes, Seconds/
2	Status	A=Valid, V= Invalid
3	Latitude	Degrees, Minutes and Hundredths/ 00-90, 00-59, 00-99
4	Direction	N= North, S = South,
5	Longitude	Degrees, Minutes and Hundredths/ 00-180, 00-59, 00-99,
6	Direction	E = East, W = West
7	Speed over ground	Knots/ 00.0 - 99.9
8	Course over ground	Degrees in referenced to True North/ 000-999 (000-359)
9	Date	Day, Month, Year/ 00-31, 00-12, 00-99/
10	Variation	Degrees/ 00-99
11	Variation sense	E = East, W = West
12	Mandatory Checksum	Hex - 7F

The above protocol data is as sent on a single Packet UI fram, like so:

WB6LPG-9

\$GPRMC,095302,A,3727.39,N,12226.29,W,04.58,160.14,021094,15.45,E*4E

It is received as a plot/fix on you APRS Map as a Car&Call and heading line/flag, in the correct position and in your Position Log as foll:

WB6LPG 021094z020953/3727.39N/12226.29W>160/1.4/raw*/RMC Fix

If desired can send the \$GPGGA sentence, for Time, Position, Altitude only.
but very similiar fields.

73's & Enjoy, Bill/WB6LPG (wbliss@coastside.net) Half Moon Bay,
Calif.
NNNN

From bbliss@juno.com Fri Dec 13 15:09:56 1996

Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA01876 for <aprssig@tapr.org>; Fri, 13 Dec 1996 15:09:54 -0600 (CST)

Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id QSG21795; Fri, 13 Dec 1996 16:07:44 EST

To: aprssig@tapr.org
Subject: \$GPGGA Sentence breakdown FYI
Message-ID: <19961213.130410.2151.6.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-48
From: bbliss@juno.com (William B. Bliss)
Date: Fri, 13 Dec 1996 16:07:44 EST

Attn: SIGgers..

And here is the GGA sentence breakdown..

All GPS/APRS USERS. From Motorola Tech Support..

NMEA-0183 protocol/sentences for the \$GPGGA data string, giving time,
position, altitude.

1 2 3 4 5 6 7 8 9 10 11 12 13
\$GPGGA,xxxxxx,zzzz.zz,N,zzzzz.zz,W,x,x,xxx,uxx,M,uxxx,m*xx<CR><LF>

No	Field	Units/Range
1	Time/UTC of Posit.	Hours, Minutes, Seconds/ 00-24, 00-59, 00-59
2.	Latitude	Degrees, Minutes and Hundredths/ 00-90, 00-59, 00-99
3.	Direction	N = North, S = South
4.	Longitude	Degrees, Minutes and Hundredths/ 00-180, 00-59, 00-99
5.	Direction	E = East, W = West,
6.	GPS Quality Indicator	0 = GPS not Available 1 = GPS available.
7.	Number of Satelllites Being used..	no units/ 2 - 4
8.	HDOP	no units/ ? - ? (Don't know what means, don't ask)
9.	Antenna Height	meters/ -99 to 99 where u is sign if minus.
10.	Units	M for meters.
11.	Geoidal Height	meters/ -99 to 99 where u is sign if minus
12.	Units	M for meters
13.	Checksum (optional)	Hex 00-7F

If you notice the above format in a packet message, this will give you
some information on what the position report means.

For APRS the \$GPRMC sentence is more acceptable as it give Time,
Position, Course, and speed.

Whereas this \$GPGGA data string, only give Time, Position and Height,
which I have been told is not accurate height MSL on GPS receivers,
below about 2000 feet.

73's & Enjoy, Bill/WB6LPG @ wbliss@coastside.net

NNNN

From jkozak@erols.com Fri Dec 13 15:18:43 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA02355 for <aprssig@tapr.org>; Fri, 13 Dec 1996 15:18:38 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by smtp2.erols.com (8.7.5/8.7.3) with SMTP id QAA21004 for <aprssig@tapr.org>; Fri, 13 Dec 1996 16:18:15 -0500 (EST)
Date: Fri, 13 Dec 1996 16:18:15 -0500 (EST)
Message-Id: <199612132118.QAA21004@smtp2.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:7211] Re: Tripmate ext. antenna?

>Relative to the flat black paint for the Tripmate. Anyone have an idea how
>a black painted Tripmate will fare during a Texas summer? I think it would
>get pretty hot!

>

> 73 Claude Head
> K5DTN
> chead@cesadm.corp.ti.com
>

If it's sitting on the dash for any length of time, I doubt that the peak temp would be much different no matter what color it is! I've had clear plastic cassette cases curl up like they were paper. I think that it would only heat up faster if it was black. I'm sure a NON-metalic sun shade would be helpful when parked, but I'd rather bake my Tripmate than my Garman 90! :)

John Kozak; N3AGG
jkozak@erols.com

From n0lrf@amsat.org Fri Dec 13 15:31:11 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA02955 for <aprssig@tapr.org>; Fri, 13 Dec 1996 15:31:09 -0600 (CST)
Received: from stump (port53.idtskc1.idir.net [204.189.69.198]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id PAA31453 for <aprssig@tapr.org>; Fri, 13 Dec 1996 15:31:27 -0600
Message-ID: <32B1CB89.441A@amsat.org>
Date: Fri, 13 Dec 1996 15:32:57 -0600
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:7211] Re: Tripmate ext. antenna?
References: <961213134919.2c00262d@CESADM.CORP.TI.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CHEAD@cesadm.corp.ti.com wrote:

>
> Relative to the flat black paint for the Tripmate. Anyone have an idea how
> a black painted Tripmate will fare during a Texas summer? I think it would
> get pretty hot!

There's a good question: What is the max temp rating for the housing material? I don't think the color will affect the solar heating of an object on the dashboard very much, in fact some paints can minutely insulate thermal emission.

Dashboard objects run around 150 degrees F, on an 85 degree F day, on a sunny Mid Western summer day.

But I admit that Texas is much closer to the equator... (-:

--

73, Paul, n0lrf@amsat.org

From rboost@itexas.net Fri Dec 13 16:09:15 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA05032 for <aprssig@tapr.org>; Fri, 13 Dec 1996 16:09:13 -0600 (CST)
Received: from rboost.itexas.net ([207.22.198.62]) by mailhost.itexas.net (post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA160 for <aprssig@tapr.org>; Fri, 13 Dec 1996 16:07:13 -0600
From: rboost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7178] AEA PK-12 problems with APRS
Date: Fri, 13 Dec 1996 16:06:13 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19961213220712262.AAA160@rboost.itexas.net>

See what your manual says about leaving the monitor command on when not connected to the 'puter. I understand that on some TNC's when left unattended the buffers will fill up and lock up the TNC. I am probably wrong but check it out.

Roy Bost, N5TAM
Granbury, Tx.
rboost@itexas.net
32 25' 33"N 97 48' 59"W

From wa8inz@concentric.net Fri Dec 13 16:37:24 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA06360 for <aprssig@tapr.org>; Fri, 13
Dec 1996 16:37:23 -0600 (CST)
Received: from LOCALNAME (61037d0012at.concentric.net [206.173.85.168])
by newman.cris.com (8.8.3/(96/11/08 1.11))
id RAA23281; Fri, 13 Dec 1996 17:37:10 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Message-ID: <32B1F6B3.10D8@concentric.net>
Date: Fri, 13 Dec 1996 16:37:07 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7195] Re: Tripmate ext. antenna?
References: <Pine.GS0.3.95.961213120552.15652L-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> I cannot for the life of me understand why anyone would want to add an
> external antenna to the tripmate and add the complexity of RF cables,
> connectors, DC biasing, and and an external antenna. And then being
> limited to RF cable length etc.
>
> The tripmate sounds like it is an ideal package with GPS and antenna all
> in one and you can have an infinitely long DC/DATA cable to it. Just stick
> it on the roof or wherever you would normally plan on putting the antenna!
>
> If it is not WX proof, then solve that with some epoxy. If you dont like
> the color, paint it. I havent seen one, so these statements may come back
> to haunt me as a fool, but The BEST GPS units for APRS are all-in-ones
> where there is NO RF cable and you can put it ANYWHERE you can string a
> small DC/DATA cable...
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
> GPS on ANY radio: <http://www.tapr.org/tapr.html/mic-e.html>

Exactly. The Tripmate is watertight (Or resistant) and I don't mean to a dept
of 100 feet, so don't pick this apart ;-). Just take the little rubber feet
of the bottom and go to Rat shack and get 4 magnets with the adhesive backing
and you have an external gps receiver. But then again WHY. I used mine
several times with it sitting on my pickup dash and never last a single
position, i did get a few yellow arrows but that didn't effect the accuracy
at all.

--

\\\\\\\\
(0 0)
--o0-()-0o--

wa8inz@amsat.org
wa8inz@cris.com

From wa8inz@concentric.net Fri Dec 13 16:40:24 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA06532 for <aprssig@tapr.org>; Fri, 13
Dec 1996 16:40:22 -0600 (CST)
Received: from LOCALNAME (61037d0012at.concentric.net [206.173.85.168])
by newman.cris.com (8.8.3/(96/11/08 1.11))
id RAA24479; Fri, 13 Dec 1996 17:40:20 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Message-ID: <32B1F773.75C4@concentric.net>
Date: Fri, 13 Dec 1996 16:40:19 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7197] Re: Tripmate ext. antenna?
References: <199612131735.MAA21793@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> No I didn't write this. If you are going to put someone's name on a
> quotation, please make sure you are attributing to the correct party.
>
> Start of quote from WA8INZ:
>
> Steve Dimse wrote:
> >
> > I've been following the mail about the tripmate and I am wondering if it
> > is possible to modify it to use an external antenna. I don't quite like
> > the idea of setting it on the dashboard for several reasons, especially
> > because of its bright color. Please, I would like to find out before I
> > go out and purchase one.
> > >
>
> End of quote...

Sorry Steve, but this isn't my writing either Hi. I know your name was in the
posting somewhere.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

From wa8inz@concentric.net Fri Dec 13 16:46:53 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA06797 for <aprssig@tapr.org>; Fri, 13 Dec 1996 16:46:51 -0600 (CST)
Received: from LOCALNAME (61037d0012at.concentric.net [206.173.85.168])
by newman.cris.com (8.8.3/(96/11/08 1.11))
id RAA27203; Fri, 13 Dec 1996 17:46:49 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Message-ID: <32B1F8F8.165A@concentric.net>
Date: Fri, 13 Dec 1996 16:46:48 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7198] Re: Tripmate ext. antenna?
References: <199612131741.MAA22356@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> No, I didn't write this. Please, if you are going to attribute a quote to
> someone, make sure it is the right person! I was answering this question
> from another person.
>
> >Steve Dimse wrote:
> >>
> >> >I've been following the mail about the tripmate and I am wondering if it
> >> >is possible to modify it to use an external antenna. I don't quite like
> >> >the idea of setting it on the dashboard for several reasons, especially
> >> >because of its bright color. Please, I would like to find out before I
> >> >go out and purchase one.
> >> >
> >
> >>Why would anyone want a external antenna for the Tripmate, If so why not
> >>just glue some magnets on the bottom of the receiver and place it on top of
> >>the vehicle it looks like it's water tight. Personally with what testing I
> >>have done with the receiver on the dash works just great in fact much
> >>better then my Magellan ever did.
> >--
> > \\\\\\\\
> > (0 0)
> > *--o0-()-0o--*
> > wa8inz@amsat.org
> > wa8inz@cris.com
> >
> As hard as it is for you to realize, some people have different needs
> than you do. For example, I work in a high crime inner city area. Leaving
> anything in plain view invites theft. That means to use the Tripmate as
> part of a tracker, I'd need to set the thing up every time I drive. What
> I want is to have an antenna mounted in my convertible top and have the
> whole thing auto-power up when I turn on the ignition. The Tripmate is a
> great GPS for little money, and I would like to use it with an external

> antenna. I was sharing what I had learned on the subject with others who
> had similar plans to mine. Is this OK with you, or do we need to do it
> your way or not at all?
>
> Steve K4HG

Here we go again!. Of course you can do whatever you want, but again specially
in a convertible, and that you want to keep it hidden is even more reason to
leave it just the way it comes out of the box, well almost i would paint the
thing another color.

--

\\\\\\\\
(0 0)
--o0-(_-)-0o--
wa8inz@amsat.org
wa8inz@cris.com

From n2czf@magg.net Fri Dec 13 16:52:25 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA07324 for <aprssig@tapr.org>; Fri, 13 Dec 1996
16:52:24 -0600 (CST)
Received: from default (wpb-115.magg.net [205.218.112.115]) by grumpy.magg.net
(8.8.3/8.8.3-Zaph-1) with ESMTP id RAA01301 for <aprssig@tapr.org>; Fri, 13 Dec
1996 17:52:21 -0500
Message-Id: <199612132252.RAA01301@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7185] Re: Gateway TNC after AEA Demise?
Date: Fri, 13 Dec 1996 17:45:46 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

KAM Plus is the only thing! I have spoken so a lovley little lady at
PacComm in the past <grin> and the GATE feature is possible. Now that
Kantronics is the only player this may be a bit of an incentive for them to
start the fire burning on a GAZTE type TNC of their own!

> From: Mark Sproul <sproul@ap.org>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7185] Re: Gateway TNC after AEA Demise?
> Date: Friday, December 13, 1996 10:32 AM
>
> >Now that it appears that AEA is going into the bit bucket, what would
the
> >two major software authors, (Bob and Mark/Keith), suggest as a
replacement
> >for the DSP2232.
> >

> >Is there a non-AEA TNC out there that will do dual port simultaneous and
> >run in the gateway mode AND be compatible with WinAPRS specifically and
> >possibly dosAPRS?

> >

> >

>

>

> The KAM Plus I think

>

>

> Mark Sproul |Amateur Radio: KB2ICI
> Software Engineer @ Assoc Press |
> sproul@ap.org |Work: 609-860-7120
> North Brunswick, NJ |Fax: 609-860-7129
> http://msproul.rutgers.edu/
>

>

From n2czf@magg.net Fri Dec 13 16:54:51 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA07429 for <aprssig@tapr.org>; Fri, 13 Dec 1996
16:54:50 -0600 (CST)

Received: from default (wpb-115.magg.net [205.218.112.115]) by grumpy.magg.net
(8.8.3/8.8.3-Zaph-1) with ESMTP id RAA01414 for <aprssig@tapr.org>; Fri, 13 Dec
1996 17:54:48 -0500

Message-Id: <199612132254.RAA01414@grumpy.magg.net>

From: "Richard F. Garcia" <n2czf@magg.net>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:7191] Re: Gateway TNC after AEA Demise?

Date: Fri, 13 Dec 1996 17:48:10 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

You must have been lucky, my army of TNC's include two KAM's and I will
never purchase another Kantronics product again! I have found their tech
support to be very poor, mostly that they will not even want to listen to
what needs to be fixed but also just plain old support.

> From: Ross McClain <aa0mm@cjnetworks.com>

> To: aprssig@tapr.org

> > -----

> Check out kantronics.com when you get some time. I think they have what
> you are looking for. I have never used an AEA, so can not advise you on
> features specific. However, the Kantronics line is a fine TNC, and they
> have EXCELLANT TECH SUPPORT!

>

From sdimse@bridge.net Fri Dec 13 17:18:25 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA08518 for <aprssig@tapr.org>; Fri, 13 Dec 1996 17:18:15 -0600 (CST)
Received: from [199.174.224.157] (hd24-157.compuserve.com [199.174.224.157]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id SAA29078 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:18:00 -0500 (EST)
Message-Id: <199612132318.SAA29078@newworld.bridge.net>
Subject: Re: [APRSSIG:7207] Re: Tripmate ext. antenna?
Date: Fri, 13 Dec 96 18:18:02 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Not trying to be smart....
> I would think that the GPS would work under the seat in a convertible. It
>might not see the horizon, but should see a lot of the sky. In this
>situation, I'd just hang the whole thing under the ragtop. The cable is
>about the same size as the coax would be and it would sure save a lot of
>work. But I'd still get rid of the yellow! :)
>

You missed the point...if you can see it, they will steal it. I want it mounted inside the roof...and the roof is too thin (and too weak) for the whole unit.

It wouldn't work under the seat, only 20 or 30 degrees of sky would be in view and much of that obstructed by the occupants. It does work mounted under the rear deck, but the degradation of signals and obstruction of part of the sky limit the number of satellites seen. The roof is the best option.

Steve K4HG

From schiers@ames.net Fri Dec 13 17:24:51 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA08790 for <aprssig@tapr.org>; Fri, 13 Dec 1996 17:24:48 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (smtp.nevia.net [206.29.127.242]) by brain.ames.net (8.6.12/8.6.9) with SMTP id RAA01553; Fri, 13 Dec 1996 17:23:03 -0600
Message-Id: <199612132323.RAA01553@brain.ames.net>
Date: Fri, 13 Dec 96 17:17:19 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7213] Re: Gateway TNC after AEA Demise?
In-Reply-To: <199612132031.PAA03262@unix.asb.com>
Cc: bob <w2g3zffj@unix.asb.com>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612132031.PAA03262@unix.asb.com>, on 12/13/96 at 02:13 PM,

bob <w2g3zfej@unix.asb.com> said:

>I used a PK232 initially but for the last 3 years of GATE operation I
>have used the Kantronics KAM Plus with both dosAPRS and for the last 6
>months with winAPRS with no problems. Works fine.

Now that is a novel thought! How can the 232, which doesn't support dual port (simultaneous) operation be used as a dual port gateway tnc? I have one sitting here with the latest firmware and I see no indication that it has any prayer of working in that mode.

Thanks so much for your 2nd comments about the Kam +...that is exactly the kind of info I was looking for: "I have one, I use it the way you intend with the software you are going to use and it works." I couldn't have asked for more. At least now I know when the 2232 craps out and it can't be fixed, (also knowing it will no longer be supported), I can go get a KAM + and be happy. I hope the KAM + is a good performer.

Actually, it is a bit of a joke to say AEA ever supported the 2232. They misrepresented its development from the first day. Made excuses, blamed others and promised the moon. They delivered on very little, except some very minor prom upgrades. They blew it. A marvelous dsp engine is inside that thing and they botched it.

If I seem bitter...I am. 1 kilobuck in the toilet.

I would be very interested to hear about the KAM + performance on hf and any other feedback about using it in gateway dual port mode with WinAPRS.

73,

hasan schiers, NOAN

schiers@ames.net

From TonyDrumm@ibm.net Fri Dec 13 17:55:24 1996
Received: from smtp-gw01.ca.us.ibm.net (smtp-gw01.ca.us.ibm.net [165.87.201.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA10463 for <aprssig@tapr.org>; Fri,
13 Dec 1996 17:55:22 -0600 (CST)
Received: (from uucp@localhost) by smtp-gw01.ca.us.ibm.net (8.6.9/8.6.9) id
XAA146224 for <aprssig@tapr.org>; Fri, 13 Dec 1996 23:55:21 GMT
Message-Id: <199612132355.XAA146224@smtp-gw01.ca.us.ibm.net>
Received: from slip166-72-88-122.mn.us.ibm.net(166.72.88.122) by smtp-
gw01.ca.us.ibm.net via smap (V1.3mjr)
id smaMCgHFW; Fri Dec 13 23:55:13 1996
X-Sender: usinet.aa0sm@pop03.ca.us.ibm.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 17:59:11 -0600
To: aprssig@tapr.org
From: TonyDrumm@ibm.net (Tony Drumm)

Subject: Re: [APRSSIG:7179] Gateway TNC after AEA Demise?

>Now that it appears that AEA is going into the bit bucket, what would the
>two major software authors, (Bob and Mark/Keith), suggest as a replacement
>for the DSP2232.
>

BTW - is there some way to eliminate the "p1:" that precedes every packet
received on the 2232? We have one at a club station and when I've played
around with it and APRS, all the calls get logged with that prefix. I
couldn't find anything in the manual that told how to get rid of it.

Thanks.

Tony Drumm

ARS AA0SM - Rochester, MN

From kb6lfm@ix.netcom.com Fri Dec 13 18:03:41 1996

Received: from dfw-ix4.ix.netcom.com (dfw-ix4.ix.netcom.com [206.214.98.4]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA11049 for <aprssig@tapr.org>; Fri, 13
Dec 1996 18:03:40 -0600 (CST)

Received: from -kb6lfm (ala-ca8-45.ix.netcom.com [207.93.141.173]) by dfw-
ix4.ix.netcom.com (8.6.13/8.6.12) with SMTP id QAA02123 for <aprssig@tapr.org>;
Fri, 13 Dec 1996 16:03:07 -0800

Message-ID: <32B1EEBA.305B@ix.netcom.com>

Date: Fri, 13 Dec 1996 16:03:06 -0800

From: kb6lfm <kb6lfm@ix.netcom.com>

Reply-To: kb6lfm@ix.netcom.com

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7225] Re: Gateway TNC after AEA Demise?

References: <199612132254.RAA01414@grumpy.magg.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Richard F. Garcia wrote:

>

> You must have been lucky, my army of TNC's include two KAM's and I will
> never purchase another Kantronics product again! I have found their tech
> support to be very poor, mostly that they will not even want to listen to
> what needs to be fixed but also just plain old support.

>

> -----

> > From: Ross McClain <aa0mm@cjnetworks.com>

> > To: aprssig@tapr.org

> > > -----

> > Check out kantronics.com when you get some time. I think they have what
> > you are looking for. I have never used an AEA, so can not advise you on
> > features specific. However, the Kantronics line is a fine TNC, and they
> > have EXCELLANT TECH SUPPORT!

> >

Kantronics has Excellent Tech Support! The KAM+ is (in my opinion) one of the best Multi-mode TNC's available. Must confess that I don't care for there software. I have 3 KPC-3's and 2 KAM's. I bought one of the very first KPC-3's and a KAM's to hit the market. Over the years, I have up-graded both of them as the up-grades became available. They (both) are performing as you would expect a new current version to perform.

The firmware/hardware chips in the up-grades were easily installed, and have performed flawlessly...! For my money, Kantronics TNC's are peerless.

GL.

Bill KB6LFM
West Coast APRS Gateway Station in SFO

From tomcmugs@n-link.com Fri Dec 13 18:06:01 1996
Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA11148 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:06:00 -0600 (CST)
Received: from tomcmugs (blackfoot51 [208.135.244.51]) by n-link.com (8.6.12/8.6.9) with SMTP id SAA16400 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:07:51 -0600
Message-ID: <32B20C61.2EDE@n-link.com>
Date: Fri, 13 Dec 1996 18:09:37 -0800
From: Tommie Taylor <tomcmugs@n-link.com>
Organization: A1 Kustom Mugs
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7214] APRS in Austin
References:
<c=US%a=_mot%p=mot%l=ITEXCHSRV1-961213200749Z-3416@itexchsrv1.phx.mcd.mot.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Rennebaum wrote:

>
> I'll be in Austin TX on business but plan to take APRS with. Is there
> anyone on the sig from Austin that can tell me if there is significant
> APRS activity in the greater Austin area?
>
> Thanks,
>
> - Mark
>
> -----
> -----
> Mark Rennebaum KC7KMP
> Information Technology
> Motorola MCG
> Phone: 602-438-3176
> 2900 South Diablo Way

> Pager: 1-800-759-8888

>

> Pin # 1085466

> Tempe, Arizona 85282

> Fax: 602-438-5627

> Mail Drop AZ43 - DW284

> markr@phx.mcd.mot.com

> -----

> -----

Mark I live in Lampasas TX 63 miles north of Austin, I drive and work in Austin... There is APRS activity 145.790 and I do run a tracker...

Tommie

--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113

WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)

<http://www.web2.com/cmugs/>

Internet: tomcmugs@n-link.com / tomcmugs@juno.com

Phone: (512) 556-4691 This is also a FAX Request line

From schiers@ames.net Fri Dec 13 18:10:39 1996

Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA11374 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:10:37 -0600 (CST)

From: schiers@ames.net

Received: from HASAN (pop3.nevia.net [206.29.127.242]) by brain.ames.net (8.6.12/8.6.9) with SMTP id SAA02135 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:08:52 -0600

Message-Id: <199612140008.SAA02135@brain.ames.net>

Date: Fri, 13 Dec 96 18:08:55 -0600

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7228] Re: Gateway TNC after AEA Demise?

In-Reply-To: <199612132355.XAA146224@smtp-gw01.ca.us.ibm.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612132355.XAA146224@smtp-gw01.ca.us.ibm.net>, on 12/13/96 at 06:02 PM,

TonyDrumm@ibm.net (Tony Drumm) said:

>BTW - is there some way to eliminate the "p1:" that precedes every packet
>received on the 2232? We have one at a club station and when I've played
>around with it and APRS, all the calls get logged with that prefix. I
>couldn't find anything in the manual that told how to get rid of it.

I use mine with WinAPRS and it is not bothered by the P1 P2 business. In fact, I would think it absolutely needed to see those prefixes or it wouldn't know how to assign HF or VHF as the source of the data.

I can't speak for dosAPRS because I never succeeded in getting it to run properly with it. Maybe someone else can help you with that part. 73

hasan schiers, NOAN

schiers@ames.net

From faunt@netcom.com Fri Dec 13 18:32:50 1996
Received: from netcom19.netcom.com (faunt@netcom19.netcom.com [192.100.81.132]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA12654 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:32:49 -0600 (CST)
Received: (from faunt@localhost) by netcom19.netcom.com (8.6.13/Netcom) id QAA29219; Fri, 13 Dec 1996 16:32:46 -0800
Date: Fri, 13 Dec 1996 16:32:46 -0800
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Message-Id: <199612140032.QAA29219@netcom19.netcom.com>
To: aprssig@tapr.org
Subject: Re: Tripmate ext. antenna?

Actually someone mentioned the best reason to put an external antenna on it: the temperature that anything exposed to the sun gets in some climates. On the other hand, the Tripmate would be expected to be exposed to the sun in the designed application. So, what's its maximum specified operating temprature?

73, doug

From rwhart@ix.netcom.com Fri Dec 13 18:45:56 1996
Received: from dfw-ix3.ix.netcom.com (dfw-ix3.ix.netcom.com [206.214.98.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA13197 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:45:54 -0600 (CST)
From: rwhart@ix.netcom.com
Received: from pc.wa3mez.netcom.com (col-md3-06.ix.netcom.com [204.32.170.102]) by dfw-ix3.ix.netcom.com (8.6.13/8.6.12) with SMTP id QAA23617 for <aprssig@tapr.org>; Fri, 13 Dec 1996 16:45:37 -0800
Date: Fri, 13 Dec 96 19:39:40 est
Subject: RE: [APRSSIG:7229] Re: Gateway TNC after AEA Demise?
To: aprssig@tapr.org
X-PRIORITY: 3 (Normal)
X-Mailer: Chameleon 5.0, TCP/IP for Windows, NetManage Inc.
Message-ID: <Chameleon.850524054.rwhart@pc.wa3mez.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

I agree 100%. I have an older Kam that has been updated several times. The Kantronics folks have always been nice tow work with and the TNC is a real jewel.

Name: Roderick W. Hart
E-mail: rwhart@ix.netcom.com
Amateur Radio Station WA3MEZ
US ARMY MARS Station AAR3DQ
Date: 12/13/96
Time: 7:39:40 PM

From n01rf@amsat.org Fri Dec 13 18:52:28 1996

Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA13759 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:52:25 -0600 (CST)
Received: from pm6_02.computer-services.com (pm6_09.computer-services.com [206.101.232.156]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id SAA02914 for <aprssig@tapr.org>; Fri, 13 Dec 1996 18:52:45 -0600
Message-ID: <32B21686.7E8D@amsat.org>
Date: Fri, 13 Dec 1996 18:52:54 -0800
From: Paul Stump <n0lr@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7227] Re: Gateway TNC after AEA Demise?
References: <199612132323.RAA01553@brain.ames.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

schiers@ames.net wrote:

> I would be very interested to hear about the KAM + performance on hf and
> any other feedback about using it in gateway dual port mode with WinAPRS.

FYI, I've been running an old KAM for about 3 years now on VHF, HF and occasionally APRS VHF/HF GATE, and never had a problem (which I couldn't fix after READING THE MANUAL, DUH)...

I'm quite happy with their products.

--

73, Paul, n0lr@amsat.org

From eac@shore.net Fri Dec 13 19:05:06 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA14323 for <Aprssig@Tapr.Org>; Fri, 13 Dec 1996 19:05:05 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id UAA29867; Fri, 13 Dec 1996 20:05:03 -0500 (EST)
Received: from pm2-70 (pm2-70.lynnma.shore.net [204.167.109.70]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id UAA11857; Fri, 13 Dec 1996 20:05:01 -0500 (EST)
MIME-Version: 1.0
Date: Fri, 13 Dec 1996 20:14:30 -0400
To: TonyDrumm@ibm.net
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7228] Re: Gateway TNC after AEA Demise?
Message-Id: <850526070-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <850526070-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Look at the CUSTOM command in the manual. You may have to look in the upgrade documentation sheets.

73 Eric eac@shore.net WB1HBU

From ko6xs@ko6xs.ampr.org Fri Dec 13 19:53:26 1996
Received: from ko6xs.ampr.org (ko6xs.ampr.org [44.16.1.241]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA16672 for <aprssig@tapr.org>; Fri, 13 Dec 1996
19:53:02 -0600 (CST)
From: ko6xs@ko6xs.ampr.org
Date: Fri, 13 Dec 96 17:49:04 PST
Message-Id: <9921@ko6xs.ampr.org>
To: aprssig@tapr.org
Subject: Message list dating in WinAPRS

For some reason, The messages I'm receiving in WinAPRS are all displayed in the message list window with the date of 12/31, even though the computer clock has the right date. I even tried clearing message logs and restarting WinAPRS. Any ideas about fixing this would be appreciated.

TNX & 73s de ko6xs, Jon

```
...0000000000000000000000000000000000000000000000000000000^a
└─┐ ≤±∞ smtp ko6xs.ampr.org. 44.16.1.241 ∞±≤ ┘
└─┐ ≤±∞ ax25 ko6xs@kk6yo.#soc.ca.us ∞±≤ ┘
└─┐ ≤±∞ email ko6xs@wwcb.earthlink.net ∞±≤ ┘
»0000000000000000000000000000000000000000000000000000000°
```

From: garnold@naples.net
Received: from gator.naples.net (gator.naples.net [205.160.191.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA18892 for <aprssig@tapr.org>; Fri, 13 Dec 1996 20:48:45 -0600 (CST)
Received: from default (port27.annex1.naples.net [205.160.191.122]) by gator.naples.net (8.6.9/8.6.12) with SMTP id VAA06067 for <aprssig@tapr.org>; Fri, 13 Dec 1996 21:49:02 -0500
Message-ID: <32B21599.7367@naples.net>
Date: Fri, 13 Dec 1996 21:48:57 -0500
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7236] Message list dating in WinAPRS
References: <9921@ko6xs.ampr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ko6xs@ko6xs.ampr.org wrote:

>

> For some reason, The messages I'm receiving in WinAPRS are all displayed in
> the message list window with the date of 12/31, even though the computer
> clock has the right date. I even tried clearing message logs and restarting
> WinAPRS. Any ideas about fixing this would be appreciated.
>
> TNX & 73s de ko6xs, Jon
>

Suddenly I am having a similar problem Win 1.1.7. No matter what I do,
the CMOS clock is right, and WinAPRS shows 12/31. Thought it was my
problem...am relieved to know other are finding it too. Any suggestions
would be appreciated!

73,
Gary
--

Gary Arnold, CEM
Collier County Emergency Management
E-mail: garnold@naples.net
Packet: wb2wpa@wb2wpa.#nap.fl.usa.noam

EM home page: "<http://www.naples.net/govern/county/emrgmt/zccem1.htm>"
My home page: "<http://www.naples.net/govern/county/emrgmt/garnold.htm>"

"It doesn't matter what temperature a room is, it's always room
temperature."

--Steven Wright, peripheral visionary

From N2ZRC@gnn.com Fri Dec 13 20:48:57 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA18911 for <aprssig@tapr.org>; Fri, 13 Dec 1996
20:48:51 -0600 (CST)
Received: from 32-240.client.gnn.com. (32-240.client.gnn.com [205.188.32.240])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id VAA00325 for <aprssig@tapr.org>;
Fri, 13 Dec 1996 21:48:18 -0500 (EST)
Message-Id: <199612140248.VAA00325@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Dec 1996 21:47:16
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Deeyenda Hoax: Apology

Hi All,

Well, once burned, twice shy. I apologize to the SIG for posting what I
since
have learned was a hoax without first investigating it. 73

Mr. Arte Booten (N2ZRC @ gnn.com)

Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From kc7htk@juno.com Fri Dec 13 20:57:35 1996

Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA19067 for <aprssig@tapr.org>; Fri, 13 Dec 1996 20:57:33 -0600 (CST)

Received: (from kc7htk@juno.com) by x11.boston.juno.com (queuemail) id VyU18925; Fri, 13 Dec 1996 21:56:24 EST

To: aprssig@tapr.org

Cc: aprssig@tapr.org

Subject: Re: DEEYENDA MADDICK VIRUS (fwd)

Message-ID: <19961213.190837.11783.1.KC7HTK@juno.com>

References: <199612132001.PAA07793@smtp2.erols.com>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 5-9,11-140

From: kc7htk@juno.com (Casey T Lasley)

Date: Fri, 13 Dec 1996 21:56:24 EST

This appears to be a variant of the "good times" hoax from greg frady to a friend of his 10-15 years ago and got loose on the internet before he could stop his buddy from placing it there. I received a similar e-mail from my daughter approximately 2 months ago and talked directly with greg. But i agree to be forewarned is to be forearmed. best bet it to track down the original source if possible for verification. :)

73"s

casey

On Fri, 13 Dec 1996 14:05:34 -0600 (CST) "Kent Hufford"

<khufford@erols.com> writes:

>I HAVE BEEN TOLD THAT THIS IS A FAKE MESSAGE.

>

>YOU SHOULD CHECK WITH THE REAL SOURCES..

>

>CHECK MCAFEE OR NORTON WEB PAGES

>

>-----

>> From: Arte Booten <N2ZRC@gnn.com>

>> To: aprssig@tapr.org

>> Subject: [APRSSIG:7192] DEEYENDA MADDICK VIRUS (fwd)

>> Date: Friday, December 13, 1996 11:50 AM

>>

>> Hi All,

>>

>> I received this today via my ARES/RACES mail-reflector:

>>

>> >Date: Thu, 12 Dec 1996 16:35:55 -0500 (EST)

>> >From: Barry Schwartz <godzilla@panix.com>

>>

>> >Thought the below may be of interest to all....it came from the
>MARS
>list.
>> >----- Forwarded message -----
>> >Date: Thu, 12 Dec 96 09:42:44 GMT
>>
>>*****
>> >
>> >VIRUS OVER THE INTERNET!!!
>> >
>> >VERY IMPORTANT INFORMATION, PLEASE READ!
>> >
>> >There is a computer virus that is being sent across the Internet.
>If
>you receive an
>> >email message with the subject line "Deeyenda", DO NOT read the
>message,
>DELETE it
>> >immediately!
>> >
>> >Some miscreant is sending email under the title "Deeyenda"
>nationwide,
>if you get
>> >anything like this DON'T DOWNLOAD THE FILE! It has a virus that
>rewrites your hard
>> >drive, obliterates anything on it. Please be careful and forward
>this
>e-mail to
>> >anyone you care about.
>> >
>> >Please read the message below.
>> >
>> >FCC WARNING!!!!!! -----DEEYENDA PLAGUES INTERNET
>> >
>> >The Internet community has again been plagued by another computer
>virus. This
>> >message is being spread throughout the Internet, including USENET
>posting, EMAIL,
>> >and other Internet activities.
>> >
>> >The reason for all the attention is because of the nature of this
>virus
>and the po-
>> >tential security risk it makes. Instead of a destructive Trojan
>virus
>(like most vi-
>> >ruses!), this virus referred to as Deeyenda Maddick, performs a
>comprehensive search
>> >on your computer, looking for valuable information, such as email
>and
>login pass-
>> >words, credit cards, personal info., etc.
>> >

```

>> >The Deeyenda virus also has the capability to stay memory resident
>while
>running a
>> host of applications and operation systems, such as Windows 3.11 and
>Windows 95. What
>> >this means to Internet users is that when a login and password are
>send
>to the ser-
>> >ver, this virus can copy this information and SEND IT OUT TO AN
>UNKNOWN
>ADDRESS
>> >(varies).
>> >
>> >The reason for this warning is because the Deeyenda virus is
>virtually
>undetectable.
>> >Once attacked your computer will be unsecure. Although it can
>attack
>any O/S this
>> >virus is most likely to attack those users viewing Java enhanced
>Web
>Pages (Netscape
>> >2.0+ and Microsoft Internet Explorer 3.0+ which are running under
>Windows 95). Re-
>> >searchers at
>> >Princeton University have found this virus on a number of World
>Wide Web
>pages and
>> >fear its spread.
>> >
>> >Please pass this on, for we must alert the general public at the
>security risks.
>> >
>> >.....end of virus warning.....
>>
>>
>=====
>=====
>>
>> I don't know whether or not this is for real, or merely one of
>those
>crackpot
>> virus warnings that show up from time to time. You be the judge.
>But
>"forewarned
>> is forearmed." 73
>>
>>
>> Mr. Arte Booten (N2ZRC @ gnn.com)
>> Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA
>>
>> Cruise Missile Coordinates 4052.71N/07354.06W
>>

```

>> .. Coordinates laid in. Engaging at warp six ...
>>
>
>

From n0lrf@amsat.org Fri Dec 13 21:45:28 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA21277 for <aprssig@tapr.org>; Fri, 13 Dec 1996 21:45:14 -0600 (CST)
Received: from pm6_02.computer-services.com (pm6_04.computer-services.com [206.101.232.151]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id VAA06578 for <aprssig@tapr.org>; Fri, 13 Dec 1996 21:45:23 -0600
Message-ID: <32B23EFE.49B9@amsat.org>
Date: Fri, 13 Dec 1996 21:45:34 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7237] Re: Message list dating in WinAPRS
References: <32B21599.7367@naples.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary Arnold wrote:

Suddenly I am having a similar problem Win 1.1.7. No matter what I do,
> the CMOS clock is right, and WinAPRS shows 12/31. Thought it was my
> problem...am relieved to know other are finding it too. Any suggestions
> would be appredicated!

Me too.

Received word from Mark today that something may be awry...said he would
look into it this evening....let's stay tuned...

--

73, Paul, n0lrf@amsat.org

From n0lrf@amsat.org Fri Dec 13 21:48:19 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA21445 for <aprssig@tapr.org>; Fri, 13 Dec 1996 21:48:12 -0600 (CST)
Received: from pm6_02.computer-services.com (pm6_04.computer-services.com [206.101.232.151]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id VAA06626 for <aprssig@tapr.org>; Fri, 13 Dec 1996 21:48:34 -0600
Message-ID: <32B23FBC.4455@amsat.org>
Date: Fri, 13 Dec 1996 21:48:44 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7238] Deeyenda Hoax: Apology
References: <199612140248.VAA00325@mail-e2b.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:

> Well, once burned, twice shy. I apologize to the SIG for posting what I
since
> have learned was a hoax without first investigating it. 73

Ahhhh, Arte, you were just trying to be nice....we still LIKE YOU.

--

73, Paul, n0lrif@amsat.org

From jerryr49@magg.net Fri Dec 13 22:01:45 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA22137 for <aprssig@tapr.org>; Fri, 13 Dec 1996
22:01:43 -0600 (CST)

Received: from wpb-160.magg.net (wpb-160.magg.net [205.218.112.160]) by
grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with SMTP id XAA16968 for <aprssig@tapr.org>;
Fri, 13 Dec 1996 23:01:41 -0500

Received: by wpb-160.magg.net with Microsoft Mail

id <01BBE949.44EBA940@wpb-160.magg.net>; Fri, 13 Dec 1996 22:59:18 -0500

Message-ID: <01BBE949.44EBA940@wpb-160.magg.net>

From: Jerry Rector <jerryr49@magg.net>

To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: RE: [APRSSIG:7236] Message list dating in WinAPRS

Date: Fri, 13 Dec 1996 22:59:10 -0500

Return-Receipt-To: <jerryr49@magg.net>

Encoding: 23 TEXT

ko6xs@ko6xs.ampr.org wrote:

>For some reason, The messages I'm receiving in WinAPRS are all displayed in
>the message list window with the date of 12/31, even though the computer
>clock has the right date. I even tried clearing message logs and restarting
>WinAPRS. Any ideas about fixing this would be appreciated.

>

>TNX & 73s de ko6xs, Jon

>

>

> EIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII>
> o ??? smtp ko6xs.ampr.org. 44.16.1.241 ??? o
> o ??? ax25 ko6xs@kk6yo.#soca.ca.usa ??? o
> o ??? email ko6xs@wwcb.earthlink.net ??? o
> EIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII?

>

>

Mine is doing the same thing, including in the Davis Wx Display
window....

Anyone have any ideas??

jerryr49@magg.net

Jerry Rector

From bruninga@nadm.navy.mil Fri Dec 13 22:58:47 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA25073 for <aprssig@tapr.org>; Fri, 13 Dec 1996 22:58:45 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id AAA01190 for <aprssig@tapr.org>; Sat, 14 Dec 1996 00:04:01 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sat, 14 Dec 1996 00:04:00 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7218] Re: Tripmate ext. antenna?
In-Reply-To: <199612132118.QAA21004@smtp2.erols.com>
Message-ID: <Pine.GS0.3.95.961213235345.691H-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Someone wrote:

> >Relative to the flat black paint for the Tripmate. Anyone have an idea how
> >a black painted Tripmate will fare during a Texas summer?

Kozak replied:

> If it's sitting on the dash for any length of time, I doubt that the peak
> temp would be much different no matter what color it is! I've had clear
> plastic cassette cases curl up like they were paper.

COMMENT: Ignoring convection and conduction by air, the black will absorb 3 times as much as white paint but covering it with aluminum foil would make it 10 times worse! WHITE is the only answer to keep it cooler. Strangly, although the Aluminum reflects a lot of the radiation, it RETAINS it due to very low emissivity (thats why you use aluminum foil for insulation).

My first GPS tracker, in a baking pan on the roof, I thought would reflect heat due to the flashy surface. WRONG. It got blazingly hot. Painted it white and it is COOL to the touch even on the roof of a BLACK car in JULY sun.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Fri Dec 13 23:05:55 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA25407 for <aprssig@tapr.org>; Fri, 13 Dec 1996 23:05:53 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id AAA01302 for <aprssig@tapr.org>; Sat, 14 Dec 1996 00:11:09 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sat, 14 Dec 1996 00:11:09 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7228] Re: Gateway TNC after AEA Demise?
In-Reply-To: <199612132355.XAA146224@smtp-gw01.ca.us.ibm.net>
Message-ID: <Pine.GSO.3.95.961214001007.691I-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Dec 1996, Tony Drumm wrote:

> BTW - is there some way to eliminate the "p1:" that precedes every packet
> received on the 2232? We have one at a club station and when I've played
> around with it and APRS, all the calls get logged with that prefix.

APRSDOS REPLY/COMMENT: Over a year ago, I started filtering that out. Are
you sure you were using something newer than version 6 of APRS?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From wa8inz@concentric.net Fri Dec 13 23:41:24 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA26657 for <aprssig@tapr.org>; Fri, 13
Dec 1996 23:41:20 -0600 (CST)
Received: from LOCALNAME (61037d0021at.concentric.net [206.173.85.177])
by newman.cris.com (8.8.3/(96/11/08 1.11))
id AAA15656; Sat, 14 Dec 1996 00:41:17 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Message-ID: <32B25A1A.247F@concentric.net>
Date: Fri, 13 Dec 1996 23:41:14 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Tripmate Power
Content-Type: multipart/mixed; boundary="-----1570FF5871"

This is a multi-part message in MIME format.

-----1570FF5871
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here is the GIF file of the power supply for the Tripmate that didn't get
included in the instruction message on how to build it. It's attached to
this posting.

--

\\\\\\\\
(0 0)

--o0-(_)-0o--
wa8inz@amsat.org
wa8inz@cris.com

-----1570FF5871
Content-Type: image/gif
Content-Transfer-Encoding: base64
Content-Disposition: inline; filename="TRIPPOW.GIF"

R0lGODlhWQg+AAAAAAAAAP///ywAAAAAWQg+AEAC/oyPqcvtD60ctNqLs968ewwARhiQpXmK
56geKKuSIWtKsVi3a5LvNpua7YA+n06DTCqXzMoR8WxKp9Sq9Yq1RkfTbfYLDovHzqis8ewF
XT0vlwyPy+dhdcip0v38Tz/7yLxBkhY+DFIgwjoJLg41gYZKT1JSfmn20jogYmpuRnzKJhm
xN05YPqA6snAufq1lnTkh8YVvUHKIZifV8s0TGNphKsyr84IHUpvMacuaS9s0+5xZdzvBXL13
raDt0LuiU7whjMsY/CvGbb5NngUuLnp6ri7/fpXuWg6sN27dbQErq4Q9KPfgFBRI5uCFNr76
0WyW7580JgrnjMoRreGj/koc03r86JHeOmpVeJXaxpDNPnb4dkHz18/YGphs1BSR2JKmBpPo
ciKb0K2e1YpyDhIDYjPjz4nFoDi1pYwnwqhQI44UmYGoTp8aw+26cd0msq5kn14tWwsSUqSk
vHF9Czeu3Ll0DcmElxUsSiJ5+XbTWjew4FJ3lSgdjDixI7V7IRaGkPK04sn2KhH5gbktqXYq
KXt07G4J4M+k6fZoc9Rw6dWs5529vLnX49Gta9cNrfaqY7d0LWU5uxTv4Q6+egQt/zRmVbM07
fSs2fryGvs7ThWLhKBky1uvYd0Mt8hgiTsIg03YfKJ5iY7PenbnW3p0P0S5GzqRPVZVx7+HW
/oM2559cNs6VlNpSfw0xFn7ntfeffwHGH5aB6MUTTHkWXijJVgxmxR1bi104HoR080MgeyWK
RFtVchXjxhspbhvKQABqaGKNcUooGoU13eDHYSL2J9xoLobYoEynIYiGZXDn+JQGD5p4UsF
KggbdfdlNxc3ZpA05VTINxmjlzbcCCaVQLp0Gz1GxqYfm1Tlx15Tycg5Zx/hifiIDKbdadFR
kbUp5piBlr1FoTCokVieYh3HaK00PuqKMYoSS1xYe1WZwZUEqfSCpMztmCekoo5Kaqmmnoq
FokqMhuL3/BYn2Y9RobkoYfCSimlM63KZ6rPgYXRZrau92qxxla6/uhpwC7rYbGVGusrYrhF
Sy1v08ZSbbaaY0emt7WoZcQ1w74bbmqnoJDaoCyMq657r6iLq/iXvr1u/Z2qKN69+4L75VJ
sNorv/j4aNVQXS7or8BxMVnciQq/xTB10D28IrmDTdxoqAkbZLFgGD0qcb4HnjREwAcXDJRd
rCU6nVs78mWdlh0H9vFu0v3ol8hh7vfecyqjBGXQQg+dyFFWkg1fIBGfqCQJxJmZtHtPRw2Z
0T1TzV+6CONI4Mbn3Uwi1Ex7jW40Ju8MNdooc9002U8rFXa/U6eN70pbH+Kn020xeBHSOn04
NpF0T2h3z//m7bZTfN06nd4//82z321X/qd241hGKHjgkEf+eOd1GpzQ5p1PXu/o7GIuuuAJ
S07e0E9eMr0+qc8ItKSWm+441t06GvLnvec+6MGqFJSG1Jv6tLTYFt1eevA0xgR6EL//S3Km
wMu0joyeoz18g4LGPvDxJD9fN7ioN9/8tcwMUHG3EIN/eVHMo46IeWxTH+cofp1N+ti2Cum+
6zGFWeApgxkI6DL53e1/xpvda2h1J6txylWqa4k23GezBqJPR4WJYPkWNrXpVc40AVyd7jQI
wrxYQm4bG5ehIle+EjQqDdhKUzXWdJla3W9nLkzYC3HXPc0hcEksWRV1+JckDNLJS0ukk1SY
CKooXY9geHKS/gihgUQTgoBepxNUDzk4pnAJa2QUAxbmqe90qnPh5hiTqcYV8Y4ynG0dKyj
He+Ix2UwJFPKatazbPwWm1pqgsezDx/HmEeJ7fFTf2IkrggyK0Tban+eqp2ebpLITGpyk5zs
pCc/0ccs6rBoVzscKJFHwFS0aF70QuAZyYLDY72Swc9K4C1HZERafkp8l6QBK2WJyav1EZiV
7MwwbykfXUJLerVz4yQ9JmMNFKSmJmMSeFT0U9hTHB6iUXS0LFbK6mXeIsZ5dcZz9zh1KA
FVSncvg5N3cqDJ7+k6ev2mSfGQL0nt9SVj43WE9+ngqfWtPnDgU60AM6T3+j50X5/hDaz3j5
UZAGhWi0MDhRNLlTogOVKft86aMrctRnWuTcSM21SnSqdkUbsalLXwrTmGJIm59b4Pd0mhsh
xq+mOn0oTuFHQ8MoaYgV/ek+4ymt7RnVewELyVCXytSopuypUD3o/Jx6wqra9KpZUuo4KaFA
ntLMq6UR6TCCpSupWhWrgwsSWNHVmdEq1aRTzWpWzPodUI2PrmvtK1UVCYoFwc2Vy8Rd0/1q
16/ejEsOZWFTedvW2iyWpqIEamJteN1xBpaxtoSKT8m60ZzULBuVrQntoheTzSKVrxdT6hXD
WbV0D00I/AsasXZS2pti77NHlaFud9fbyK5H0rXFUW5N/ivW3f7We3DjqnL70kLaNla40pjs
Y/96txQxdLnRfS5rDerL6fq2bLzNLGhXq93b0q+oNVwtey37weB27b0PSWDchjRX+iaXsddt
L0Dzy9319k++od0vTaHrX58eUKYMRiLxnJs+jcD3HzxaqH/4BuDyUve/5u1uhAW0VXGk65/1
LSggEzy8Dm+Ypztv4TLwKkptk6U9yXweFWM19BxWMUG3BQ9sVviCT/4tPONET5fjN4Qp2DH
KV4xjt8a3ya3WMBEvm2NEezhG1MZuGF1L1G3/FQjQdjLD4v1vcBosPiT7+/7eCYtZz1Ahs2
g44NMI1ge+Xv1lT0EYftw+pc/mYVUjXPYLazu1B4XB0b+HAr5FiV6TfnsqUzp6VchZQJt7xH
fy+IfQ40cRLtYvIgl89e5i+Zh6Tm++RjPa1sFZw/PCIIo/rNNnoRq7HXQfY50ntpfLIAr/Fj
GyNPo726NV5tp+marlHPtLk1rPvr3ev0+tr3hiNAPrJmQwPi0qg1X4AJvexSv0cWh02sqYXd
7a+wStavRvJ4yB1XCnYZ2lZB85epPGmryEvejdguISsN5Uh/NdqF9jSVYhkhZTluyZJGItZLL
em+FF+kick31toroVoIrPjpmGmZ4Lb6YIhX8z8/W8FTE7EFMp1Aozia4cpXc8p0LpWuVe7M9r
STPr/qzNIuXprrr18Rdhymhs8znv0cPi6s++9Gh2yMB85qZNtaTUx1LhDPqfVYVj09Uoc3dmu

2A0pHlhQz3xz4Y5QDH/98EV7gmEe5zeAmxinuEPliU7c4dbPvPSop53gUIST3990crk7nXsC
5zG9F8HtUA0+74uXCtyJHtsGS37y1J88ffCcxsc33ix05/yJix10rcIVPLmatu+m9MOGtD2t
ixK9QfZNR5evV4vXP0Y4ej612c0Wb0nPRsHecjC5n74xC++8Y+P/OQrf/lmH0wzHIz70uHW
z6Bm/kJctZyEvyqSFceI9CaFVqtx3JsAt75oyL2sjy0LXtEUZMPD+0buKiMo+ubHoo8d0Uhg
Xr0VmnKL2eAdfNVXf7smgGQ0gAeIgAmogAvYKAUAAAA7
-----1570FF5871--

From bruninga@nadm.navy.mil Sat Dec 14 00:11:08 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA02278 for <aprssig@tapr.org>; Sat, 14
Dec 1996 00:11:03 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id BAA02006 for <aprssig@tapr.org>; Sat, 14 Dec 1996
01:16:18 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sat, 14 Dec 1996 01:16:18 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS onHF
Message-ID: <Pine.GS0.3.95.961214011007.691T-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Activity on HF seems down recently. Something wrong with my antenna? In
hooking up this MFJ to the antenna, it seemed like a full minute before I
heard a single packet on 10.151 today.

Exposing my lack of experience on the DC bands, I thought conditions got
better in the winter compared to the summer. I remember getting 5 full
pages every 2 hours this summer on weekends...(VHF and HF combined)

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From alan@watsun.cc.columbia.edu Sat Dec 14 00:25:22 1996
Received: from manila.cc.columbia.edu (manila.cc.columbia.edu [128.59.39.200]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA03018 for <aprssig@tapr.org>; Sat, 14
Dec 1996 00:25:19 -0600 (CST)
Received: (from alan@localhost) by manila.cc.columbia.edu (8.8.3/8.8.3) id
BAA03574; Sat, 14 Dec 1996 01:25:18 -0500 (EST)
Date: Sat, 14 Dec 96 1:25:18 EST
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: aprssig@tapr.org, linux-hams@vger.rutgers.edu
Subject: Linux APRS utils
Message-ID: <CMM.0.90.4.850544718.alan@manila.cc.columbia.edu>

See <http://www.cloud9.net/~alan/ham/aprs/>. In there find, aprsmon.tgz.
But, first, you can just look at the man pages that are referenced
on the web page for beacon, aprsmon, aprsdigi.

To build these requires ax25-utils-2.0.12 to be located in the same

parent directory (see the Makefile). I'd appreciate those of you Linux/APRS-oriented to test this stuff out and get me bug reports and total rewrites of my lame code(;-) so I can shake it out some prior to submitting it as a patch for possible inclusion on the main ax25-utils-whatever-is-current. Terry -- I'll get that patch to you after a few days....

Even just reading the man pages and commenting on that would be appreciated.

For those APRS-types contemplating this linux thing, start by reading the AX25-HOWTO at <http://sunsite.unc.edu/pub/Linux/docs/HOWTO/AX25-HOWTO>. For those Linux-types see <http://www.tapr.org/tapr/html/sigs.html> for a good starting point.

N2YGK-8 is currently running aprsdigi as a conventional digi with alias RELAY as well as SSID and WIDE-n routing.

73 de Alan N2YGK

From sdimse@bridge.net Sat Dec 14 01:01:31 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA07696 for <aprssig@tapr.org>; Sat, 14 Dec 1996 01:01:29 -0600 (CST)
Received: from [199.174.167.36] (ad50-036.compuserve.com [199.174.167.36]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id CAA06265 for <aprssig@tapr.org>; Sat, 14 Dec 1996 02:01:23 -0500 (EST)
Message-Id: <199612140701.CAA06265@newworld.bridge.net>
Subject: Re: [APRSSID:7246] APRS onHF
Date: Sat, 14 Dec 96 02:01:23 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Activity on HF seems down recently. SOMething wrong with my antenna? In
>hooking up this MFJ to the antenna, it seemed like a full minute before I
>heard a single packet on 10.151 today.

>

I've gotten 79 HF stations heard in the 14 hours since I turned on the station down here in the Keys, seems pretty normal to me...

Steve K4HG

From snabkey@k8sn.org Sat Dec 14 01:58:40 1996
Received: from k8sn (root@[206.250.28.105]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA10437 for <aprssig@tapr.org>; Sat, 14 Dec 1996 01:58:37 -0600 (CST)
Received: from win95.k8sn.org ([192.168.0.15]) by k8sn (8.7.5/8.7.3) with SMTP id CAA00239 for <aprssig@tapr.org>; Sat, 14 Dec 1996 02:58:35 -0500
Message-Id: <199612140758.CAA00239@k8sn>
Comments: Authenticated sender is <snabkey@[206.250.28.2]>

From: "Sam Nabkey, K8SN" <snabkey@k8sn.org>
To: aprssig@tapr.org
Date: Sat, 14 Dec 1996 02:58:36 +0000
Subject: Re: [APRSSIG:7225] Re: Gateway TNC after AEA Demise?
X-Confirm-Reading-To: "Sam Nabkey, K8SN" <snabkey@k8sn.org>
X-pmrqc: 1
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42a)

On 13 Dec 96 at 16:57, somebody wrote some senseless drivel:

> You must have been lucky, my army of TNC's include two KAM's and I
> will never purchase another Kantronics product again! I have found
> their tech support to be very poor, mostly that they will not even
> want to listen to what needs to be fixed but also just plain old
> support.

Poor Tech Support is better than:

1. Disconnected tech support. (Brand A)
2. "I dunno! RTFM" Tech Support (Brand M)
3. Rude Tech Support (Brand P)

My "army" of TNC's are ALL Kantronics (Brand K) and I would not own anything else. Never had a bad experience yet. . . Too bad you got burned.

73

Sam

From z004391b@bcfreenet.seflin.lib.fl.us Sat Dec 14 06:18:03 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA17277 for <aprssig@tapr.org>; Sat, 14 Dec 1996 06:18:02 -0600 (CST)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id HAB11913; Sat, 14 Dec 1996 07:17:31 -0500
Date: Sat, 14 Dec 1996 07:17:31 -0500 (EST)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:7176] Help wiring up my Kantronics 9612. Kenwood TM733a for one radio operation
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <199612131222.EAA18938@dfw-ix6.ix.netcom.com>
Message-ID: <Pine.3.89.9612140753.A8930-01000000@bcfreenet>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use my 9612 with a single radio, an Icom 275, and it works just fine. The 9600 port is wired via 1/8" phone jack that I put into the right rear corner, and the 1200 is wired in conventionally for AFSK. I use a second 1/8" phone jack for the PTT.

The varactor portion sometimes interferes, with some stations only, with

the conventional AFSK side. If so then I just reach around and unplug the 9600 link from the 1/8" plug.

The rig works well. To use 9600 I give the standard ~a before keying, and to use 1200 I give the |a.

73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Fri, 13 Dec 1996, Don Murray AE4BR wrote:

> Hello and thanks for reading this..
>
> I am in need of help setting up my Kantronics 9612, and TM733a for one radio
> operation. I am not even sure if this is possible. What I would like to do is
> wire the radio and TNC so that I can get both 1200 and 9600 baud operation on
> the single 733.
>
> I would also appreciate if someone could confirm my wiring by posting the
> output pin assignment for the TM733 in regards to the 9600 baud port of the
> 9612 and the 1200 port of the 9612.
>
> Anyone else handling both ports thru one radio?? Is it even possible. The 9612
> has a "oneradio" setting. But the manual doesn't go into detail about it.
>
> Any and all help will be greatly appreciated
>
>

From schiers@ames.net Sat Dec 14 08:02:14 1996

Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA19947 for <aprssig@tapr.org>; Sat, 14 Dec 1996
08:02:13 -0600 (CST)

From: schiers@ames.net

Received: from HASAN (nevia.net [206.29.127.242]) by brain.ames.net (8.6.12/8.6.9)
with SMTP id IAA01233 for <aprssig@tapr.org>; Sat, 14 Dec 1996 08:00:54 -0600

Message-Id: <199612141400.IAA01233@brain.ames.net>

Date: Sat, 14 Dec 96 08:01:11 -0600

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7248] Re: APRS onHF

In-Reply-To: <199612140701.CAA06265@newworld.bridge.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612140701.CAA06265@newworld.bridge.net>, on 12/14/96 at 01:08 AM,
Steve Dimse <sdimse@bridge.net> said:

>>Activity on HF seems down recently. SOmething wrong with my antenna? In
>>hooking up this MFJ to the antenna, it seemed like a full minute before I
>>heard a single packet on 10.151 today.

>>
>I've gotten 79 HF stations heard in the 14 hours since I turned on the
>station down here in the Keys, seems pretty normal to me...

>Steve K4HG

I have about 100 hf stations on the map and had at least that many last
night before I had to reboot.

hasan schiers, NOAN

schiers@ames.net

From PEPLASTERS@mail.rkd.snds.com Sat Dec 14 08:17:16 1996
Received: from aero.snds.com (aero.snds.com [198.81.195.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA20485 for <aprssig@tapr.org>; Sat, 14 Dec 1996
08:17:14 -0600 (CST)
Received: by aero.snds.com id AA11979
(InterLock SMTP Gateway 3.0 for aprssig@tapr.org);
Sat, 14 Dec 1996 08:17:13 -0600
Received: by aero.snds.com (Protected-side Proxy Mail Agent-2);
Sat, 14 Dec 1996 08:17:13 -0600
Received: by aero.snds.com (Protected-side Proxy Mail Agent-1);
Sat, 14 Dec 1996 08:17:13 -0600
Message-Id: <s2b262b3.033@mail.rkd.snds.com>
X-Mailer: Novell GroupWise 4.1
Date: Sat, 14 Dec 1996 08:16:31 -0600
From: Paul Plasters <PEPLASTERS@mail.rkd.snds.com>
To: birksd@cadvision.com, aprssig@tapr.org
Subject: [APRSSIG:7166] Re: NMEA and GPS units - Data Added -Reply
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>> David R. Birks <birksd%cadvision.com@internet.rkd.snds.com>
12/12/96 05:27pm >>>

>Bob Bruninga wrote:

>>

>> OK. We need to fill in this table. These are the NMEA sentences
used by

>> APRSdos. (Keith, does Mac/Win use any others?)

>>

>> If you have a different GPS, please send in your data.

>> Preferably by pasting your data on the end and replying the
message...

>>

>> Pos Pos/Alt Cse/Spd Pos/Cse/Spd Az/El Alt Alt Hdg

```

>> GPS UNIT      GLL    GGA      VTG      RMC      GSV    PGRMZ  PMGLB
HDM
>> -----
>> Magln 5000      X      X      X      .      ?      .      .
>> Garmin45 v1.5   X      .      X      X      .      .      .
>>      v2.0       X      X      .      X      X      X      .
>> Garmin GPS-20   .      X      X      X      X      .      .
>> Garmin GPS-55   x      .      .      X      .      X      .      **
>> Garmin GPS95XL  X      .      .      X      .      X      .      **
>> Icom GP-22      .      X      X      .      .      .      .
> w/OPK-4
>--
MAGNAVOX          X      X      .      X      .      .      .

```

=====Does any one have a copy
of NMEA spec they could share? Thanks
Paul WA9FFL
=====

** The Garmin 55 and 95XL also output the following sentences:
GPBWC, GPRMB, GPROO, GPXTE and GPWPL

73 de Dave VE6MJR

From n2czf@magg.net Sat Dec 14 08:39:29 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA21603 for <aprssig@tapr.org>; Sat, 14 Dec 1996
08:39:28 -0600 (CST)
Received: from default (wpb-102.magg.net [205.218.112.102]) by grumpy.magg.net
(8.8.3/8.8.3-Zaph-1) with ESMTP id JAA07617 for <aprssig@tapr.org>; Sat, 14 Dec
1996 09:39:26 -0500
Message-Id: <199612141439.JAA07617@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7228] Re: AEA TNC Port Channel
Date: Sat, 14 Dec 1996 09:32:47 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Try UBIT 18 OFF

```

-----
> From: Tony Drumm <TonyDrumm@ibm.net>
>
> BTW - is there some way to eliminate the "p1:" that precedes every packet
> received on the 2232? We have one at a club station and when I've played
> around with it and APRS, all the calls get logged with that prefix. I
> couldn't find anything in the manual that told how to get rid of it.

```

>
> Thanks.
> Tony Drumm
> ARS AA0SM - Rochester, MN

From schiers@ames.net Sat Dec 14 08:41:55 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA21697 for <aprssig@tapr.org>; Sat, 14 Dec 1996 08:41:53 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (smtp.nevia.net [206.29.127.242]) by brain.ames.net (8.6.12/8.6.9) with SMTP id IAA01483 for <aprssig@tapr.org>; Sat, 14 Dec 1996 08:40:33 -0600
Message-Id: <199612141440.IAA01483@brain.ames.net>
Date: Sat, 14 Dec 96 08:40:30 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7251] Re: APRS onHF
In-Reply-To: <199612141400.IAA01233@brain.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612141400.IAA01233@brain.ames.net>, on 12/14/96 at 08:06 AM,
schiers@ames.net said:

>In <199612140701.CAA06265@newworld.bridge.net>, on 12/14/96 at 01:08 AM,
> Steve Dimse <sdimse@bridge.net> said:

>>>Activity on HF seems down recently. SOMething wrong with my antenna? In
>>>hooking up this MFJ to the antenna, it seemed like a full minute before I
>>>heard a single packet on 10.151 today.

>>>

>>I've gotten 79 HF stations heard in the 14 hours since I turned on the
>>station down here in the Keys, seems pretty normal to me...

>>Steve K4HG

>I have about 100 hf stations on the map and had at least that many last
>night before I had to reboot.

By the way, I will be off HF for my usual Saturday morning SSTV activity.
Should be back on about 11:30 a.m.

so anyone trying to test hf, don't be confused if I don't respond! 73,

>hasan schiers, NOAN

From n2czf@magg.net Sat Dec 14 08:46:41 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA21900 for <aprssig@tapr.org>; Sat, 14 Dec 1996 08:46:40 -0600 (CST)
Received: from default (wpb-102.magg.net [205.218.112.102]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id JAA07890 for <aprssig@tapr.org>; Sat, 14 Dec 1996 09:46:38 -0500
Message-Id: <199612141446.JAA07890@grumpy.magg.net>

From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: KAM+ and Other GATE TNC's
Date: Sat, 14 Dec 1996 09:40:00 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I thought I was happy with the KAM as a Preformer while it was the only HF TNC I owned. I then bought a PK-900 and ran that for a while it was able to decode many more packets it seemed. I then ran 2 TS-850S/AT's into the same antenna TX off of course! and both the PK-900 and KAM and KAM+ side by side of different PC's.

Nothing scientific but I got more decoded packets with the PK-900 than either the KAM or the upgraded one to KAM+. Bottom line for me is whatever works better and the PK-900 does work better. It does stink that the company left us but oh well, it happens!

> From: Sam Nabkey, K8SN <snabkey@k8sn.org>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7249] Re: Gateway TNC after AEA Demise?
> Date: Saturday, December 14, 1996 3:03 AM
>
> On 13 Dec 96 at 16:57, somebody wrote some senseless drivel:
>
> > You must have been lucky, my army of TNC's include two KAM's and I
> > will never purchase another Kantronics product again! I have found
> > their tech support to be very poor, mostly that they will not even
> > want to listen to what needs to be fixed but also just plain old
> > support.
>
> Poor Tech Support is better than:
>
> 1.Disconnected tech support.(Brand A)
> 2. "I dunno! RTFM" Tech Support (Brand M)
> 3. Rude Tech Support (Brand P)
>
> My "army" of TNC's are ALL Kantronics (Brand K) and I would not own
anything
> else. Never had a bad experience yet. . . Too bad you got burned.
>
> 73
>
> Sam

From TonyDrumm@ibm.net Sat Dec 14 09:19:55 1996
Received: from smtp-gw01.ca.us.ibm.net (smtp-gw01.ca.us.ibm.net [165.87.201.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA23692 for <aprssig@tapr.org>; Sat,

14 Dec 1996 09:19:54 -0600 (CST)
Received: (from uucp@localhost) by smtp-gw01.ca.us.ibm.net (8.6.9/8.6.9) id PAA63841 for <aprssig@tapr.org>; Sat, 14 Dec 1996 15:19:53 GMT
Message-Id: <199612141519.PAA63841@smtp-gw01.ca.us.ibm.net>
Received: from slip166-72-88-122.mn.us.ibm.net(166.72.88.122) by smtp-gw01.ca.us.ibm.net via smap (V1.3mjr)
id smaCl8Crx; Sat Dec 14 15:19:51 1996
X-Sender: usinet.aa0sm@pop03.ca.us.ibm.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Dec 1996 09:23:53 -0600
To: aprssig@tapr.org
From: TonyDrumm@ibm.net (Tony Drumm)
Subject: Re: [APRSSIG:7244] Re: Gateway TNC after AEA Demise?

>On Fri, 13 Dec 1996, Tony Drumm wrote:

>
>> BTW - is there some way to eliminate the "p1:" that precedes every packet
>> received on the 2232? We have one at a club station and when I've played
>> around with it and APRS, all the calls get logged with that prefix.

>
>APRSDos REPLY/COMMENT: Over a year ago, I started filtering that out. Are
>you sure you were using something newer than version 6 of APRS?

>
No, I'm probably using an older version there! I'll try something newer.
Thanks.

Tony
Tony Drumm
ARS AA0SM - Rochester, MN

From n2czf@magg.net Sat Dec 14 09:30:32 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24304 for <aprssig@tapr.org>; Sat, 14 Dec 1996 09:30:30 -0600 (CST)
Received: from default (wpb-102.magg.net [205.218.112.102]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id KAA09651 for <aprssig@tapr.org>; Sat, 14 Dec 1996 10:30:28 -0500
Message-Id: <199612141530.KAA09651@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Re: APRS onHF and Lists
Date: Sat, 14 Dec 1996 10:23:50 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

This brings up a good point, when will we have more pages for P and L

lists. For some of us where VHF is popular and we have HF coverage the pages fill up in no time! We have lot's of activity on VHF here and I shudder to think what the NE is like now.

> From: schiers@ames.net
> To: aprssig@tapr.org
> Subject: [APRSSIG:7251] Re: APRS onHF
> Date: Saturday, December 14, 1996 9:05 AM
>
> In <199612140701.CAA06265@newworld.bridge.net>, on 12/14/96 at 01:08 AM,
> Steve Dimse <sdimse@bridge.net> said:
>
> >>Activity on HF seems down recently. SOmething wrong with my antenna?
In
> >>hooking up this MFJ to the antenna, it seemed like a full minute before
I
> >>heard a single packet on 10.151 today.
> >>
> >I've gotten 79 HF stations heard in the 14 hours since I turned on the
> >station down here in the Keys, seems pretty normal to me...
>
> >Steve K4HG
>
> I have about 100 hf stations on the map and had at least that many last
> night before I had to reboot.
>
> hasan schiers, NOAN
> -----
> schiers@ames.net
> -----

From n2czf@magg.net Sat Dec 14 09:35:37 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24728 for <aprssig@tapr.org>; Sat, 14 Dec 1996 09:35:36 -0600 (CST)
Received: from default (wpb-102.magg.net [205.218.112.102]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id KAA00102 for <aprssig@tapr.org>; Sat, 14 Dec 1996 10:35:33 -0500
Message-Id: <199612141535.KAA00102@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Any NE New Jersey APRS on VHF?
Date: Sat, 14 Dec 1996 10:28:06 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I am planing a trip back to New Jersey in a couple of weeks, is there any activity up there yet. I have not been up there in 18 months and at that time I got occasional coverage running 50 watts.

I will be in Morris, Bergen, and Passaic County for about 1 week but this time I will only be able to bring a HT and mag mount. Is it worth while for me to even bother ? I am trying to travel light due to the holiday mess at the airports!

Rich Garcia N2CZF
Jupiter Farms Florida
n2czf@magg.net
<http://www.magg.net/~n2czf/aprs.html>
<http://www.magg.net/~n2czf/index.html>

From jkerns@usit.net Sat Dec 14 09:52:37 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA25592 for <aprssig@tapr.org>; Sat, 14 Dec 1996 09:52:36 -0600 (CST)
Received: from LOCALNAME (bway-slip68.dynamic.usit.net [204.194.172.114]) by smtest.usit.net (8.7.5/8.6.12) with SMTP id KAA19307 for <aprssig@tapr.org>; Sat, 14 Dec 1996 10:59:54 -0500 (EST)
Date: Sat, 14 Dec 1996 10:59:54 -0500 (EST)
Message-Id: <199612141559.KAA19307@smtest.usit.net>
X-Sender: jkerns@pop.usit.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>
Subject: Re: [APRSSIG:7258] Any NE New Jersey APRS on VHF?

snip.....

>I will be in Morris, Bergen, and Passaic County for about 1 week but this
>time I will only be able to bring a HT and mag mount. Is it worth while for
>me to even bother ? I am trying to travel light due to the holiday mess at
>the airports!

>
>

>Rich Garcia N2CZF
>Jupiter Farms Florida
>n2czf@magg.net
><http://www.magg.net/~n2czf/aprs.html>
><http://www.magg.net/~n2czf/index.html>
>

>Hey, Rich, long time no talk. Happy holidays to all.
My TNC is shot so not on APRS till I get 232 fixed or get another one.

What makes you think anyone wants you back in NJ since you pulled out and deserted them?? (gg)

>
Jim Kerns
N4PUQ

jkerns@usit.net
Oliver Springs, Tn.
(just outside Oak Ridge where everyone glows in the dark!!)

From davidc@tbcnet.com Sat Dec 14 10:28:58 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA27878 for <aprssig@tapr.org>; Sat, 14 Dec 1996 10:28:56 -0600 (CST)
Received: from [207.112.227.163] (davidc.tbcnet.com [207.112.227.163]) by tbc1.tbcnet.com (8.8.4/8.8.2) with SMTP id KAA07551 for <aprssig@tapr.org>; Sat, 14 Dec 1996 10:28:52 -0600
Message-Id: <199612141628.KAA07551@tbc1.tbcnet.com>
X-Sender: davidc@tbcnet.com (Unverified)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Dec 1996 10:28:33 +0000
To: aprssig@tapr.org
From: davidc@tbcnet.com (David Chesser)
Subject: Re: NMEA and GPS units - Data Added -Reply

>>> David R. Birks <birkسد%cadvision.com@internet.rkd.snds.com>

12/12/96 05:27pm >>>

>Bob Bruninga wrote:

>>

>> OK. We need to fill in this table. These are the NMEA sentences used by

>> APRSdos. (Keith, does Mac/Win use any others?)

>>

>> If you have a different GPS, please send in your data.

>> Preferably by pasting your data on the end and replying the message...

>>

	Pos	Pos/Alt	Cse/Spd	Pos/Cse/Spd	Az/El	Alt	Alt	Hdg
>> GPS UNIT	GLL	GGA	VTG	RMC	GSV	PGRMZ	PMGLB	

HDM

>> -----	---	---	---	---	---	---	---	---
>> Magln 5000	X	X	X	.	?		?	.
>> Garmin45 v1.5	X	.	X	X	.	.	.	.
>> v2.0	X	X	.	X	X	X	.	.
>> Garmin GPS-20	.	X	X	X	X	.	.	.
>> Garmin GPS-55	x	.	.	X	.	X	.	**
>> Garmin GPS95XL	X	.	.	X	.	X	.	**
>> Garmin GPSMAP-195	x	x	.	x	x	x	.	***
>> Garmin GPSMAP-175	x	x	.	x	x	x	.	***
>> Icom GP-22	X	X	X	.	.	.	.	.
> w/OPK-4								
>--								

MAGNAVOX X x X

=====Does any one have
a copy of NMEA spec they could share? Thanks
Paul WA9FFL

=====

M4%)34TE'0%1!4%(N3U)'P'.0'+`\$ Z`0`(`!])@!\!`!`
M`'(1+@\$ \$`-0`%)%.B!;05!24U-)1SHW,C0Y72!293H@1V%T97=A
M>2!43D,@869T97(@045!(\$1E;6ES93`J0\!!8 #`X``#,!PP`#@`+`"H`
M(P`&`\$L!`2" `P`.``S<`,`X`"P`G`#L`!@!@`0\$)@ \$` (0``#5&,31&
M0S4S.40U-40P,3\$X,\$0U,# T,# U,CE"0T0W`,`'0.0!@#`P`% ``L`
M(P``P`F``+`"D``,'+@``P`V``!`#D`@+<W
MS]WINP\$>`' `0``#4`!213H@6T%04E-324<Z-S(T.5T@4F4Z(\$=A=&5W
M87D@5\$Y#(&%F=&5R(\$%%02!\$96UI<V4_````(!<0`!````%@```&[Z=W/
M-U/\%&!5G1`0@-4`0 4IO-<`!X`'@P!``!0``%--5% ````'@`?# \$`
M`1`1`9W=Y;D!P86-C;VUM+F-O;0```#`80:8U.:`,`!Q!)`0`'@`(
M\$ \$``!E``3TY&4DE\$05DL1\$5#14U"15(Q,RPQ.3DV.3HP,U!-+%-!34Y!
M0DM%62Q+.%-.4TU44#I33D%"2T590\$LX4TY/4D=74D]413I03T]25\$5#2%-5
M4%!/4E1)4T)%5%1%4E1(04XZ,0```"0D0`0``%("``!.`@`>00`\$Q:
M1G6P/-M_P`*`0\`"%0*D`^0%ZP*#`% 3`U0" &-H"L!S971N,@8`!L,"@S(\$
M1@(`<+!R<3\$@"%4"@S,#Q><3@Q(@#_]F-!3,!Q,"@^XU%,H3T!6M?0J ",\)
MV2([&P\Q,C@<+V4R/#4U`H *@0VQ"V!N9Q@Q,#,4L L#;&DS7C8-\ M5%L(
M`6,2X" *3P.@1@409&%Y+#0@1 6090;0!) @,0(S(C Q.3DV(#EB.A^0(%!-
M(C &\$&T3![!H&ME(B%+.%,'3EM33510.G.B;B130&LX)6 N!; 09UT@=P-@
M=&4Z_0J%/@M&%+(A,P!0\$Z FH5)C!4!0;P6Q5 60:%\$&'5P<!JQ(0`(-<B
MH) (K%T\$<!N)M8@?W\2("=?*&DK+RP_+4\HX3',+D0\$`6@;FXHT0F "RK
M*7)S*<0N*\$)R\P!P,K!!*2Z/+Y\PKRCA`#(N("))(&1U"3)0;R\$'\%1&32)[
M*5PSI4TT+S4_-D\HTC.Y-Z!2=0VP.+ \STE Z&&\+&2#Y/V4(4&T`@ (P((\$"
M(" C,SH@5SW@]1' =CW@9R:@)K #H""A[4(P9BK!/>!R/<(W\ VP73>@60A@
M)G "("<%0&<7\$@`JP!L083*28F%DH&QY(&%G"W\$N/V4#.BT84C\$W(\$=W>14#
MH%()X&0B(5<Q001%3#]E4 #00<)*8B1PI05 4D9P:6\2,7,FL%1M<T<L9TD!
M0#^08UL%H\$`@+DV1/V5H`D!PT#HO+W=.\"Y-;SJ/7T\$H'\]00PK!&C\$`5(`
M`,`,\$! ````P`1\$ ````! ``<P(!XE<MWINP% ``@P(!XE<MWINP\$>`#T`
:`0`4`!213H@``,`#33]-P`K@KI

end

From kr4ol@juno.com Sat Dec 14 11:25:36 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA00394 for <aprssig@tapr.org>; Sat, 14
Dec 1996 11:25:35 -0600 (CST)
From: kr4ol@juno.com
Received: (from kr4ol@juno.com) by x6.boston.juno.com (queuemail)
id MkR29374; Sat, 14 Dec 1996 12:24:56 EST
To: aprssig@tapr.org
Date: Sat, 14 Dec 1996 12:15:26 PST
Subject: BayComm / APRS ????
Message-ID: <19961214.121544.5375.0.KR40L@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,4-7

Greetings! I have a friend that wishes to get on APRS using a
BAYCOMM TNC. For those of you that have experience in setting this up,
please tell me how to set this up. Your assistance will be MOST
appreciated!

73! de Tom KR40L @juno.com

From w2hob@mosquito.com Sat Dec 14 12:55:05 1996
Received: from itchy.mosquito.com (itchy.mosquito.com [206.205.132.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA03817 for <aprssig@tapr.org>; Sat, 14 Dec 1996 12:55:03 -0600 (CST)
Received: from dial61.mosquito.com (dial61.mosquito.com [206.205.132.90]) by itchy.mosquito.com (8.7.5/8.6.12) with SMTP id OAA00355 for <aprssig@tapr.org>; Sat, 14 Dec 1996 14:00:37 -0500 (EST)
Date: Sat, 14 Dec 1996 14:00:37 -0500 (EST)
Message-Id: <199612141900.OAA00355@itchy.mosquito.com>
X-Sender: w2hob@mosquito.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Boyd Prestwood <w2hob@mosquito.com>
Subject: Re: [APRSSIG:7258] Any NE New Jersey APRS on VHF?

At 09:43 12/14/96 -0600, you wrote:

>I am planing a trip back to New Jersey in a couple of weeks, is there any
>activity up there yet. I have not been up there in 18 months and at that
>time I got occasional coverage running 50 watts.

North Jersey still a bit sparse... South Jersey growing... lots of comers
and goers!

Have fun es 73 de Boyd
w2hob@mosquito.com

From n0lrf@amsat.org Sat Dec 14 13:07:55 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA04252 for <aprssig@tapr.org>; Sat, 14 Dec 1996 13:07:54 -0600 (CST)
Received: from pm6_02.computer-services.com (pm6_11.computer-services.com [206.101.232.158]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id NAA19877 for <aprssig@tapr.org>; Sat, 14 Dec 1996 13:08:18 -0600
Message-ID: <32B3175D.4339@amsat.org>
Date: Sat, 14 Dec 1996 13:08:45 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7261] Re: Gateway TNC after AEA Demise?
References: <01BBE9B3.E7EB5CC0@gwyn.paccomm.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gwyn Reedy wrote:

> >3. Rude Tech Support (Brand P)
>

> Comment on #3: We have gotten rid of the rude dude. You won't get treated badly again.

I'll tell you what, the next TNC I buy will probably come from FL. I may like the "K" brand, but we couldn't ask for better support than this! KUDOS, Gwyn.

73, Paul, n01lrf@amsat.org

From ccdapple@wtp.net Sat Dec 14 13:34:32 1996
Received: from mailsrv2.pcy.mci.net (mailsvr2.pcy.mci.net [204.71.1.40]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA05597 for <aprssig@tapr.org>; Sat, 14 Dec 1996 13:34:31 -0600 (CST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10045) id <01ID0525PEM89EE5BY@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Sat, 14 Dec 1996 14:33:56 -0500 (EST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10045) id <01ID051JZSVQ9EE66H@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Sat, 14 Dec 1996 14:33:26 -0500 (EST)
Received: from wtp1-6.wtp.net by wtpprod1.wtp.net; (5.65/1.1.8.2/19Aug95-0853PM) id AA25350; Sat, 14 Dec 1996 12:33:19 -0700
Date: Sat, 14 Dec 1996 12:35:42 -0700
From: Chris Dapples <ccdapple@wtp.net>
Subject: HF APRS and DSP-2232
To: aprssig@tapr.org
Reply-to: ccdapple@wtp.net
Message-id: <32B3018E.7143@wtp.net>
MIME-version: 1.0
X-Mailer: Mozilla 3.01 (Win95; I)
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi All,

For the past several days I have been trying to setup and receive HF APRS on my AEA DSP-2232 and Kenwood TS-940. I hear signals on 10.151 USB and tune around carefully but cannot copy any of them. I have the DSP-2232 set for modem 33 (also tried modems 10 and 11) and take the audio from the ex/sp. jack on the TS-940 to radio port 1 on the DSP-2232. I have tried with WinAPRS, APRSdos, and just a terminal program, but cannot get any copy. The DCD led lights with the signals I hear but no copy.

Anyone using the DSP-2232 on HF have any suggestions??
I believe I have all the params setup correct, but maybe not.

Chris Dapples, KF7KN
ccdapple@wtp.net

From kb6lfm@ix.netcom.com Sat Dec 14 14:41:28 1996
Received: from dfw-ix1.ix.netcom.com (dfw-ix1.ix.netcom.com [206.214.98.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA08013 for <aprssig@tapr.org>; Sat, 14

Dec 1996 14:41:26 -0600 (CST)
Received: from -kb6lfm (ala-ca14-04.ix.netcom.com [204.32.168.68]) by dfw-ix1.ix.netcom.com (8.6.13/8.6.12) with SMTP id MAA07780 for <aprssig@tapr.org>;
Sat, 14 Dec 1996 12:40:53 -0800
Message-ID: <32B310D4.4BDD@ix.netcom.com>
Date: Sat, 14 Dec 1996 12:40:52 -0800
From: kb6lfm <kb6lfm@ix.netcom.com>
Reply-To: kb6lfm@ix.netcom.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7265] HF APRS and DSP-2232
References: <32B3018E.7143@wtp.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Dapples wrote:

>
> Hi All,
>
> For the past several days I have been trying to setup
> and receive HF APRS on my AEA DSP-2232 and Kenwood TS-940. I
> hear signals on 10.151 USB and tune around carefully but cannot
> copy any of them. I have the DSP-2232 set for modem 33 (also
> tried modems 10 and 11) and take the audio from the ex/sp. jack
> on the TS-940 to radio port 1 on the DSP-2232. I have tried with
> WinAPRS, APRSdos, and just a terminal program, but cannot get
> any copy. The DCD led lights with the signals I hear but no
> copy.
> Anyone using the DSP-2232 on HF have any suggestions??
> I believe I have all the params setup correct, but maybe not.
>
> Chris Dapples, KF7KN
> ccdapple@wtp.net

KB6LFM WRITES:

Hi Chris. Suggest you use LSB, or better yet... FSK. Tune to 10.149.30KHz which is the real APRS 30m Freq. Also suggest you set your TNC's "MARK" to 2125 "SPACE" to 2295 and the "SHIFT" to 170 and you are in business.

73 de Bill KB6LFM

West Coast APRS Gateway Station in SFO

NNNN

From K5QQ@aol.com Sat Dec 14 16:14:23 1996
Received: from emout02.mail.aol.com (emout02.mx.aol.com [198.81.11.93]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA12043 for <aprssig@tapr.org>; Sat, 14 Dec 1996 16:14:22 -0600 (CST)

From: K5QQ@aol.com
Received: by emout02.mail.aol.com (8.6.12/8.6.12) id RAA21704 for
aprssig@tapr.org; Sat, 14 Dec 1996 17:13:51 -0500
Date: Sat, 14 Dec 1996 17:13:51 -0500
Message-ID: <961214171351_1753601815@emout02.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7265] HF APRS and DSP-2232

In a message dated 96-12-14 15:04:09 EST, you write:

<< I
hear signals on 10.151 USB >>
needs to be LSB (to put it inside the amateur band...)

Good Luck

Jim

From sparkfel@primenet.com Sat Dec 14 16:20:43 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA12442 for <aprssig@tapr.org>; Sat, 14
Dec 1996 16:20:41 -0600 (CST)
Received: from ip-20-157.phx.primenet.com (ip-20-157.phx.primenet.com
[206.165.20.157]) by primenet.com (8.8.3/8.8.3) with SMTP id PAA24363; Sat, 14 Dec
1996 15:20:33 -0700 (MST)
Date: Sat, 14 Dec 1996 15:20:33 -0700 (MST)
Message-Id: <1.5.4.16.19961214152033.2217bb3a@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Gateway TNC after AEA Demise?

At 06:09 PM 12/13/96 -0600, kb6lfm wrote:

>

>Kantronics has Excellent Tech Support!

Excuse me!? Did you really type that? Kantronics with excellent tech
support? C'mon, I called them with some basic questions about the GPS
upgrade for the KPC-3 and I knew more about GPS than the person answering
the phone and they would not let me speak to any one responsible for the
firmware or design of their hardware!

Ditto for the 9612 paging upgrade.

That's lousy tech support!

Mark Fellhauer
KC7BXS

From dayglo@radix.net Sat Dec 14 16:27:29 1996
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA12588 for <aprssig@tapr.org>; Sat, 14 Dec 1996 16:27:28 -0600 (CST)
Received: from saltmine.radix.net (dialin54.annex1.radix.net [204.157.128.108]) by news1.radix.net (8.8.3/8.8.3) with SMTP id RAA19324 for <aprssig@tapr.org>; Sat, 14 Dec 1996 17:29:28 -0500 (EST)
Message-Id: <2.2.32.19961214222050.0071bbb8@pop.radix.net>
X-Sender: dayglo@pop.radix.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Dec 1996 17:20:50 -0500
To: aprssig@tapr.org
From: Dayglo <dayglo@radix.net>
Subject: GPS Article

I just wanted to let everyone know that there is a very good article on GPS in the December issue of Circuit Cellar Ink (#77). It describes the equations necessary for position calculations and timing. The article is very technical yet quite readable.

From AC6JA@aol.com Sat Dec 14 18:21:23 1996
Received: from emout16.mail.aol.com (emout16.mx.aol.com [198.81.11.42]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA17094 for <aprssig@tapr.org>; Sat, 14 Dec 1996 18:21:22 -0600 (CST)
From: AC6JA@aol.com
Received: by emout16.mail.aol.com (8.6.12/8.6.12) id TAA28015 for aprssig@tapr.org; Sat, 14 Dec 1996 19:20:51 -0500
Date: Sat, 14 Dec 1996 19:20:51 -0500
Message-ID: <961214192050_1753620369@emout16.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7202] HF APRS cheap

been following the messages regarding mfj rig for aprs qrp! i had written mfj an e-mail a while back regarding using one of their rigs for aprs on 30m. i originally had thought of modifying their 9420 20m ssb/cw rig for 30m, but it looks like the cw-only qrp for 30m will work. am curious what mods are needed to use the cw rig for fsk. i think that's how you plan on implementing it. was also thinking along the same lines and using a crystal oscillator or even a digi-vfo. any info you have would be greatly appreciated. i have already successfully used my index labs qrp plus on hf aprs qrp, along with rtty, pactor, amtor, etc. it's suprising what 5 watts can do.
thanks for the info.

Mike AC6JA

From kb6lfm@ix.netcom.com Sat Dec 14 20:00:41 1996
Received: from dfw-ix4.ix.netcom.com (dfw-ix4.ix.netcom.com [206.214.98.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA19872 for <aprssig@tapr.org>; Sat, 14 Dec 1996 20:00:40 -0600 (CST)
Received: from -kb6lfm (ala-ca26-25.ix.netcom.com [207.93.42.89]) by dfw-

ix4.ix.netcom.com (8.6.13/8.6.12) with SMTP id SAA11543 for <aprssig@tapr.org>;
Sat, 14 Dec 1996 18:00:07 -0800
Message-ID: <32B35BA6.5160@ix.netcom.com>
Date: Sat, 14 Dec 1996 18:00:06 -0800
From: kb6lfm <kb6lfm@ix.netcom.com>
Reply-To: kb6lfm@ix.netcom.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7268] Re: Gateway TNC after AEA Demise?
References: <1.5.4.16.19961214152033.2217bb3a@mailhost.primenet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Fellhauer wrote:

>
> At 06:09 PM 12/13/96 -0600, kb6lfm wrote:
> >
> > Kantronics has Excellent Tech Support!
>
> Excuse me!? Did you really type that? Kantronics with excellent tech
> support? C'mon, I called them with some basic questions about the GPS
> upgrade for the KPC-3 and I knew more about GPS than the person answering
> the phone and they would not let me speak to any one responsible for the
> firmware or design of their hardware!
>
> Ditto for the 9612 paging upgrade.
>
> That's lousy tech support!
>
> Mark Fellhauer
> KC7BXS

KB6LFM WRITES:

Yup...! I wrote that..., It was me...!

SRI to hear that you had to call Kantronics with some basic questions about up-grading your KPC-3 to the GPS Ver 6.0. When I up-graded my KPC-3, all I had to do was replace 1 plug-in IC chip, and do a hard reset. The documentation that came with the up-grade was very easy to understand (even for a longshoreman... Hi.!) The point is; in my opinion, and for my money, Kantronics is hard to beat. They are user friendly, competitively priced, still in business.....! The only time that I have needed their "Tech Support" was when I wanted to hook-up my KAM+ to a scope. I spoke with Don Rixon, who not only told me how to do it over the phone, he also FAXED me a copy of the components location with the modification penciled in. How can I bi*#h about that...!

Here is one for the SIG

"Ever wonder why the JA's are not in the TNC business..?"

73. Bill KB6LFM

West Coast Gateway Station in SF0

From wbliss@coastside.net Sat Dec 14 21:52:15 1996
Received: from poseidon.coastside.net (www.coastside.net [205.162.38.5]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA23488 for <aprssig@tapr.org>; Sat, 14
Dec 1996 21:52:13 -0600 (CST)
Received: from LOCALNAME (tsvr23.coastside.com [205.162.38.43]) by
poseidon.coastside.net (8.6.11/8.6.12) with SMTP id TAA01526 for
<aprssig@tapr.org>; Sat, 14 Dec 1996 19:46:45 -0800
Date: Sat, 14 Dec 1996 19:46:45 -0800
Message-Id: <199612150346.TAA01526@poseidon.coastside.net>
X-Sender: wbliss@mail.coastside.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: AEA demise.. TNC's

Hi SIGers,

Several msgs on demise of AEA, and recommendations
of Kam products.

Gentlemen do not forget a staunch supporter of APRS
and advancements in GPS/TNC development. The first company
to offer hams GPS/TNC in one package and first to support
APRS.

Namely, PacComm Packet Radio Systems, Inc.
4413 N. Hesperides Street
Tampa, FL. 66614-7618 USA
FAX +(813)872-8696 BBS +(813)874-3078
(V.34 with HTML)
e-mail: sales@paccomm.com
URL: <http://www.paccomm.com>
Toll Free Order Line: (800) 486-7388

Gwyn Reedy/W1BEL here on the net has often offerd help,
suggestions , recommendations and met our ham requests for
different types of TNC and support of digital radio. His
320 HF/VHF series and other TNC & Controllers are top of
the line.

How about it Gwyn, any GATEway TNC in the offing and how
about the Mic-3 system in the works. Time to step in and
take AEA place, keep up the good work.

(No I have no connection with PacComm, but like their
fine products.)

73's & Enjoy Bill/WB6LPG also bbliss@juno.com

NNNN

WBB/WB6LPG

From snabkey@k8sn.org Sun Dec 15 00:00:18 1996
Received: from k8sn (root@[206.250.28.105]) by tapr.org (8.7.5/8.7.3/1.9) with
ESMTP id AAA28621 for <aprssig@tapr.org>; Sun, 15 Dec 1996 00:00:14 -0600 (CST)
Received: from win95.k8sn.org ([192.168.0.15]) by k8sn (8.7.5/8.7.3) with SMTP id
BAA01608 for <aprssig@tapr.org>; Sun, 15 Dec 1996 01:00:10 -0500
Message-Id: <199612150600.BAA01608@k8sn>
Comments: Authenticated sender is <k8sn@[192.168.0.1]>
From: "Sam Nabkey, K8SN" <snabkey@k8sn.org>
To: aprssig@tapr.org
Date: Sun, 15 Dec 1996 01:00:05 +0000
Subject: Re: [APRSSIG:7268] Re: Gateway TNC after AEA Demise?
X-Confirm-Reading-To: "Sam Nabkey, K8SN" <snabkey@k8sn.org>
X-pmrqc: 1
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42a)

Some nice sensitive guy with his head on straight said:

>Kantronics has Excellent Tech Support!

Another guy, equally as nice, but slightly confused , quipped:

> Excuse me!? Did you really type that? Kantronics with excellent
> tech support? C'mon, I called them with some basic questions about
> the GPS upgrade for the KPC-3 and I knew more about GPS than the
> person answering the phone

Me, knowing how excellent I was handled and passing on my excellent knowlege
on to the good honest folks here on the SIG responds with . .

When I originally contacted the TNC Manufacturers looking for the best
TNC to use for a Stand Alone Tracker, I got the most favorable
response from Kantronics.

AEA told me the PK-12 would not run on 12VDC. (HUH?)

Paccomm told me that the one they recommended didn't work because of
faulty firmware, and when asked when they might have it working, the
nice man got quite rude with me and told me something to the effect
that it would be ready when it was ready!

The person at Kantronics didn't have any idea, (this was the
receptionist) and the person I needed to chat with was not currently
in. . It was lunch and I guess the guy had to eat... but would call me back
when he finished.. I got that call.. from a guy who knew loads more
than I needed to know! THEN are you ready for this? The
RECEPTIONIST contacted a sales guy who calls me back to check to make
sure the Techy called me back! I was impressed!

Also, when my KAM had the dried Cap syndrome, they mailed me caps at

no charge.

>and they would not let me speak to any one responsible for the
>firmware or design of their hardware!

Now wonder why the Receptionist would not allow you to chat wid the
party . . . Maybe away someplace in the Plant like mine was?

> Ditto for the 9612 paging upgrade.

I thought the Upgrade came with a nice upgrade book with it. Did you
need Tech support?

>
> That's lousy tech support!
>

No, I don't think so.

>
> Mark Fellhauer
> KC7BXS
>

From rsellers@rockford.com Sun Dec 15 01:40:02 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id BAA08190 for <aprssig@tapr.org>; Sun, 15 Dec 1996 01:40:00 -0600 (CST)
X-ROUTED: Sun, 15 Dec 1996 01:40:20 -0500
Received: from rsellers [206.230.91.34] by rockford.com with smtp
id ABCCHKDE ; Sun, 15 Dec 1996 01:39:58 -0500
Message-Id: <3.0.32.19961207185058.0068bc30@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 15 Dec 1996 01:37:21 -0600
To: aprssig@tapr.org
From: Roger Selers <rsellers@rockford.com>
Subject: Re: [APRSSIG:6909] windows
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:35 PM 12/3/96 -0500, you wrote:

>
>Can I "gut" a windows program so as to make winaprs run faster? I
>want to run it in a mobile setup on a "286" laptop. What files does
>WINAPRS need? Thanks, Paul WA9FFL wa9ffl@aol.com or
>aamfapp@snds.com
>

I think Paul is actually wanting to "GUT" Windows 3.11 itself rather than a
specific application. I have found some info from the Windows Resources Kit
and will be forwarding that info to Paul.

73,

Roger Sellers KB9LBU
email: Home rsellers@rockford.com
KB9LBU@juno.com
Work rsellers@snds.com

From kb6lfm@ix.netcom.com Sun Dec 15 02:48:33 1996
Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id CAA09989 for <aprssig@tapr.org>; Sun, 15 Dec 1996 02:48:31 -0600 (CST)
Received: from -kb6lfm (ala-ca12-17.ix.netcom.com [199.35.209.209]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id AAA08636; Sun, 15 Dec 1996 00:47:43 -0800
Message-ID: <32B3BB2E.6CC9@ix.netcom.com>
Date: Sun, 15 Dec 1996 00:47:42 -0800
From: kb6lfm <kb6lfm@ix.netcom.com>
Reply-To: kb6lfm@ix.netcom.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: cbuttsch@slonet.org
CC: aprssig@tapr.org
Subject: APRS on HF
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Cliff.

Yes, 10.149.30KHz is the MARK frequency for APRS. I agree that some HF & gateway stations can be found a "little" off frequency from time to time. My guess is that this is caused by the sysop's not wanting to dedicate their primary station (\$1,500 to \$5,000) radio's to APRS. Most will be using a HF rig that was their "first" rig, or a "standby-rig" that was once a "swap meet" bargain. These "seasoned" rig's are expected to drift. Alas, the need for "TUNE1 and TUNE2" aliases to "Ping" to.

The APRS Gateway Station here consists of a Kenwood TS-450s/AT zero'ed to N0AN, and is running in the FSK mode with the high stability oscillator (TCXO S0-2) and Service Bulletin's ASB-1002 & ASB-1004 have been carried-out. For VHF I'm using a very seasoned Icom IC-228H. The Icom is running open squelch, and both rigs are connected to a KAM+. The KAM's configuration is; MARK 2125 SPACE 2295 SHIFT 170 and the "CD" command is set to "SOFTWARE". Antennas are a 1/4 wave verticle @ 35' for VHF and a 5 band quad @ 50' for HF. The quad's orientation is usually around 75 degrees magnetic. I hope you decide to join us here on APRS Cliff. SRI, I have no idea where a master EEPROM for the 232 can be obtained now. Perhaps someone here on the SIG can help.

73 de Bill KB6LFM

West Coast APRS Gateway Station in SFO

From sparkfel@primenet.com Sun Dec 15 04:27:16 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id EAA12731 for <aprssig@tapr.org>; Sun, 15 Dec 1996 04:27:14 -0600 (CST)
Received: from ip-20-120.phx.primenet.com (ip-20-120.phx.primenet.com [206.165.20.120]) by primenet.com (8.8.3/8.8.3) with SMTP id DAA05779; Sun, 15 Dec 1996 03:27:11 -0700 (MST)
Date: Sun, 15 Dec 1996 03:27:11 -0700 (MST)
Message-Id: <1.5.4.16.19961215032718.0af7942e@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Gateway TNC after AEA Demise?

At 12:01 AM 12/15/96 -0600, Sam Nabkey, K8SN wrote:

>The person at Kantronics didn't have any idea, (this was the
>receptionist) and the person I needed to chat with was not currently
>in. . It was lunch and I guess the guy had to eat... but would call me back
>when he finished.. I got that call.. from a guy who knew loads more
>than I needed to know! THEN are you ready for this? The
>RECEPTIONIST contacted a sales guy who calls me back to check to make
>sure the Techy called me back! I was impressed!

This was not my (nor has ever been) my experience with Kantronics. I've called them a handful of times and only ever gotten to speak with a receptionist who didn't know product at all. I was told that the tech people didn't take phone calls from customers.

>
>Now wonder why the Receptionist would not allow you to chat wid the
>party . . . Maybe away someplace in the Plant like mine was?

No. I've been told a few times that the Tech people don't directly answer customer's phone calls. I've NEVER received a follow-up from them. At least PacComm has a person who's active in this SIG, and she knows product and is quite helpful.

>
>> Ditto for the 9612 paging upgrade.
>
>I thought the Upgrade came with a nice upgrade book with it. Did you
>need Tech support?

What difference does it make what my question is? I'm not gonna plunk down \$200 plus to buy a TNC that may or may not support my \$600 plus data radio (or didn't you READ that in your little upgrade book?). Kantronics nor HRO is gonna refund my \$\$ if it doesn't work.

>> That's lousy tech support!
>>

>
>No, I don't think so.

I beg to differ. Having worked in sales support I know what good service is. Kantronics gets a C- in my opinion. Not that I don't recommend their products, I do. Because they work well and are easy to set up.

BTW, I bought a KPC-9612 PLUS today, at HRO. This product is not even mentioned on their web page, despite the fact that it is replacing the DISCONTINUED 9612. Even the guys at HRO were confused about it. And they talk to the OWNER of Kantronics on a regular basis.

From sparkfel@primenet.com Sun Dec 15 04:27:29 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id EAA12749 for <aprssig@tapr.org>; Sun, 15 Dec 1996 04:27:27 -0600 (CST)
Received: from ip-20-120.phx.primenet.com (ip-20-120.phx.primenet.com [206.165.20.120]) by primenet.com (8.8.3/8.8.3) with SMTP id DAA05806; Sun, 15 Dec 1996 03:27:24 -0700 (MST)
Date: Sun, 15 Dec 1996 03:27:24 -0700 (MST)
Message-Id: <1.5.4.16.19961215032731.0af7800c@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Gateway TNC after AEA Demise?

At 08:05 PM 12/14/96 -0600, kb6lfm wrote:

>
>KB6LFM WRITES:
>
>Yup...! I wrote that..., It was me...!
>
>SRI to hear that you had to call Kantronics with some basic questions
>about up-grading your KPC-3 to the GPS Ver 6.0. When I up-graded my
>KPC-3, all I had to do was replace 1 plug-in IC chip, and do a hard
>reset. The documentation that came with the up-grade was very easy to
>understand (even for a longshoreman... Hi.!) The point is; in my
>opinion, and for my money, Kantronics is hard to beat. They are user
>friendly, competitively priced, still in business.....! The only time
>that I have needed their "Tech Support" was when I wanted to hook-up my
>KAM+ to a scope. I spoke with Don Rixon, who not only told me how to do
>it over the phone, he also FAXED me a copy of the components location
>with the modification penciled in. How can I bi*#h about that..!

Actually, it doesn't matter what my question is or whether it's covered in the upgrade manual, I should be able to speak with or get in contact with a person who knows the product and who can answer technical questions. I've been told by the Kantronic's receptionist (who doesn't know a TNC from a

lamp post) that their tech people do not answer customers' questions over the phone. Why even have people who don't use the product they sell answering the phone? This is something I find quite often when I call "tech-support" at many companies.

I recently tried to upgrade my pager to alphanumeric paging via the internet. When I called my paging company, they (at alphanumeric tech support) told me there was no such upgrade available, I referred them to their Company Web page. Their response, "We have a Web Page?" Indeed. It took two more phone calls and a lot of yelling to get the service switched on. And when I switched back to numeric paging only (very few people availed themselves of the alpha service) they forgot to set a software switch and my pager stopped working. Their initial response was that my pager was broken and needed to go back to the regional office for servicing.

ARRGH! Again several more phone calls later I got my service back, and the tech sheepishly admitted that it was a problem on their end. And then they double billed me for a year's service...

What has this to do with Kantronics? Well that's what I feel like when I call them. I feel like the people who answer the phone have never used a TNC, nor are the licensed HAMS, nor do they care about their companies product. If Kantronics doesn't like my opinion, perhaps they'd like to respond...Oh, I forgot, their people don't even monitor this SIG...

It's amazing that when I've mentioned HRO, or PacComm, or Yaesu (and even Magellan); Pro or Con; on the internet; I've generally gotten (unsolicited yet polite and helpful) responses from official representatives of those respective companies. Never has that happened with Kantronics.

But they do make a good product. And as the Packet Coordinator of the ThunderBird (formerly Honeywell) ARC, I recommend their products to people who are looking for a first TNC. In fact, I just bought a KPC-9612 PLUS, today at HRO, a product not even mentioned on their web page, I might add. Heck, those tech support people must be so busy answering my questions that they don't have time to advertise new products. (g)

>

>Here is one for the SIG

>

> "Ever wonder why the JA's are not in the TNC business..?"

Ahh, but they are. They just don't market them much in the U.S. I have a Tempo MPP-1 made by AOR, and it is a fine PRINTING TNC. I also have three AR-1200's, which is the commercial variant. These AR-1200's were pulled from a Burger King out of California. I bought them because CERTAIN people on this SIG (you know who you are) stated that they could be converted to amateur radio mark & space tones easily and that they were using them for APRS. I have yet to receive that info, despite repeated private e-mail attempts and the offer of remuneration. One can only conclude that these people are full of "stuff" and that they have never seen an AR-1200 much less owned one. If anyone out there really does have this info, I would greatly appreciate it. The AR-1200 and the Tempo MPP-1 are significantly

different on the inside, despite being identical on the outside.

Anyway, the Japanese do make TNC's. EEB was selling an AOR model that looks much like a product formerly sold by Heathkit and currently sold by PacComm. I didn't see it in their new 1997 catalog, but then I wasn't looking for it either.

73,

Mark
KC7BXS

From z004391b@bcfreenet.seflin.lib.fl.us Sun Dec 15 06:40:56 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA16569 for <aprssig@tapr.org>; Sun, 15 Dec 1996 06:40:55 -0600 (CST)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id HAA17074; Sun, 15 Dec 1996 07:40:25 -0500
Date: Sun, 15 Dec 1996 07:40:25 -0500 (EST)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:7272] AEA demise.. TNC's
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <199612150346.TAA01526@poseidon.coastside.net>
Message-ID: <Pine.3.89.9612150748.A16151-01000000@bcfreenet>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It would be really nice if the Tampa TNC manufacturer who makes an excellent TNC (best 9600 modem I have played with) would take over the digital portion of the AEA line. I would love to purchase a state of the art DSP tnc if it had modem code worth a hoot. I know the PacComm organization can handle it.

I was seriously considering purchasing one of the AEA DSP232 units after they improved the software code. The price was right for what you got and it is technologically in the right direction.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

From bruninga@nadn.navy.mil Sun Dec 15 09:15:25 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id JAA20822 for <aprssig@tapr.org>; Sun, 15 Dec 1996 09:15:24 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA26381; Sun, 15 Dec 1996 10:20:40 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 15 Dec 1996 10:20:40 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic
To: Gary Wells <gwells@nbn.net>
cc: aprssig@tapr.org
Subject: Re: Remote Ultimeter
In-Reply-To: <199612140725.CAA02880@mail.nbn.net>
Message-ID: <Pine.GS0.3.95.961215101450.26244B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This station is having probs with remote WX concatenating together packets. I think the problem is in his remote TNC. No CR is benign transmitted....

... On Sat, 14 Dec 1996, Gary Wells wrote:

> Below is a copy of my beacon list.
> I am seeing these same packets on the air, using a computer that's not

> N3HCP-3 140032 *1005W2HOB>ID,WIDE,WIDE*:W2HOB/R RELAY/D NONE/B
> N3HCP-3 140127 *1005D001BN2UNH>APRS,WIDE,WIDE*,WD4HDL-1:@200917/APRS 7.7e
> N3HCP-3 140127 *1005D001BN2UNH>APRS,WIDE,WIDE*,WD4HDL-1:@200917/APRS 7.7e
> N3HCP-3 140127 *1005D001BN2UNH>APRS,WIDE,WIDE*,WD4HDL-1:@200917/APRS 7.7e
>
> As I was setting up this E-mail, I captured the following off the air:
>
> N3HCP-3*>KE3XY-3>WIDE>APRS:
> *E005D001B0W2HOB-15>ID,WIDE*,WIDE:W2HOB-15/R WIDE/D PEMB/B

APRSDOS REPLY/COMMENT: On SECOND THOUGHT, the Ultimeter is only sending 10 to 12 CHARS here,... Something it's truncating the packet at the SENDING TNC maybe. The packet should always be 14 bytes long....!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Sun Dec 15 09:18:59 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA21108 for <aprssig@tapr.org>; Sun, 15 Dec 1996 09:18:57 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA26414 for <aprssig@tapr.org>; Sun, 15 Dec 1996 10:24:15 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 15 Dec 1996 10:24:14 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: MFJ HF caution
Message-ID: <Pine.GS0.3.95.961215102044.26244C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tried to give a demo of the little rig with a long wire antenna. Again, the IF bleed through of SW broadcaster on 6 MHZ was stronger than anything on 30M so the AGC adjusted proportionally and you hear NOTHING on 30m.

Im sure all real users of this little portable rig, take along a TUNED dipole or an antenna tuner to get the most out of their 4 watts QRP. That alone would give probably most of the needed isolation at 6 MHZ...to prevent this problem..

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From sdimse@bridge.net Sun Dec 15 09:52:40 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA22446 for <aprssig@tapr.org>; Sun, 15 Dec 1996 09:52:38 -0600 (CST)

Received: from [199.174.157.168] (dd40-168.compuserve.com [199.174.157.168]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id KAA03344 for <aprssig@tapr.org>; Sun, 15 Dec 1996 10:52:29 -0500 (EST)

Message-Id: <199612151552.KAA03344@newworld.bridge.net>

Subject: Re: [APRSSIG:7279] Re: Remote Ultimeter

Date: Sun, 15 Dec 96 10:52:43 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>> N3HCP-3*>KE3XY-3>WIDE>APRS:

>> *E005D001B0W2HOB-15>ID,WIDE*,WIDE:W2HOB-15/R WIDE/D PEMB/B

>

>APRSDOS REPLY/COMMENT: On SECOND THOUGHT, the Ultimeter is only sending
>10 to 12 CHARS here,... SOMETHING it truncating the packet at the SENDING
>TNC maybe. The packet should always be 14 bytes long....!

>

Looks like the recieved data on the U-II tnc is getting sent to the U-II, where it is echoed back to the tnc mixed with the U-II data. Fastest fix, try setting FLOW ON on the U-II TNC, could also break the rs-232 data going out of the tnc into the U-II.

Steve K4HG

From ccdapple@wtp.net Sun Dec 15 10:16:49 1996

Received: from mailsrv1.pcy.mci.net (mailsrv1.pcy.mci.net [204.71.1.43]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA23236 for <aprssig@tapr.org>; Sun, 15 Dec 1996 10:16:48 -0600 (CST)

Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET

(PMDF V5.0-7 #10045) id <01ID1CF7TGCG9EE6AJ@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Sun, 15 Dec 1996 11:15:19 -0500 (EST)

Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET

(PMDF V5.0-7 #10045) id <01ID1CEMUJ009EE6PV@MAIL-CLUSTER.PCY.MCI.NET> for

aprssig@tapr.org; Sun, 15 Dec 1996 11:14:49 -0500 (EST)
Received: from wtp1-5.wtp.net by wtpprod1.wtp.net;
(5.65/1.1.8.2/19Aug95-0853PM) id AA04888; Sun, 15 Dec 1996 09:14:42 -0700
Date: Sun, 15 Dec 1996 09:17:17 -0700
From: Chris Dapples <ccdapple@wtp.net>
Subject: Serial port problems
To: aprssig@tapr.org
Reply-to: ccdapple@wtp.net
Message-id: <32B4248D.72D2@wtp.net>
MIME-version: 1.0
X-Mailer: Mozilla 3.01 (Win95; I)
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi All,

I have a Cyclades Cyclom-Y 8-port serial card on my computer. Windows recognizes the ports as com3...com11. The problem is that neither APRSdos or WinAPRS recognize any of the ports. WinAPRS says it cannot connect to the port and APRSdos just hangs trying to connect to the tnc. I know the Cyclades card is working as it shows up in the control panel system hardware listing. It also works correctly under Linux.

Is anyone using a Cyclades card with APRS?? and if so did they have to do something special to get it to work?? Suggestions would be appreciated.

73, Chris / KF7KN
ccdapple@wtp.net

From ccdapple@wtp.net Sun Dec 15 10:16:50 1996
Received: from mailsrv1.pcy.mci.net (mailsvr1.pcy.mci.net [204.71.1.43]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA23238 for <aprssig@tapr.org>; Sun, 15 Dec 1996 10:16:49 -0600 (CST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10045) id <01ID1CF7TGCG9EE6AJ@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Sun, 15 Dec 1996 11:15:21 -0500 (EST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10044) id <01ID1CF1L81I9FNAC2@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Sun, 15 Dec 1996 11:15:09 -0500 (EST)
Received: from wtp1-5.wtp.net by wtpprod1.wtp.net;
(5.65/1.1.8.2/19Aug95-0853PM) id AA32125; Sun, 15 Dec 1996 09:14:48 -0700
Date: Sun, 15 Dec 1996 09:17:27 -0700
From: Chris Dapples <ccdapple@wtp.net>
Subject: Re: HF and DSP-2232
To: aprssig@tapr.org
Reply-to: ccdapple@wtp.net
Message-id: <32B42294.25E7@wtp.net>
MIME-version: 1.0
X-Mailer: Mozilla 3.01 (Win95; I)
Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Hi All,

Thanks for the assistance with the DSP-2232 settings. I can now copy the APRS HF stuff (using DSP modem 10 or 33 works).

73 Chris / KF7KN
ccdapple@wtp.net

From n5rk@apex2000.net Sun Dec 15 10:26:08 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA23670 for <aprssig@tapr.org>; Sun, 15 Dec 1996 10:26:06 -0600 (CST)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with ESMTP id ua000436 for <aprssig@tapr.org>; Sun, 15 Dec 1996 10:28:23 -0600
Message-ID: <32B42693.6B14@apex2000.net>
Date: Sun, 15 Dec 1996 10:25:55 -0600
From: Robert Jordan <n5rk@apex2000.net>
Reply-To: n5rk@apex2000.net
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: re: Kantronics
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeez Guys!

Apples & oranges, Fords & Chevys! Everyone has their own story & favorites.

I finally had to jump into this. I never had a problem with Kantronics or their tech support. I've had a Kam for over 5 years and have a few occassions to call them. Each time I have received all the info needed within that one phone call. And yes, I've been transfered to tech support during the call. Once, when calling about the now defunct weather station of theirs, I was put in touch with a tech who was extremely helpful..to the point of ridiculous. He gave me a lot of tech info well above what I needed or could comprehend. However, it answered the query.

No matter. Out of the thousands that call them, I'm sure that some will have bad experiences. That's just the odds.

Robert N5RKN

From rwf@mindspring.com Sun Dec 15 12:47:11 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28539 for <aprssig@tapr.org>; Sun, 15 Dec 1996 12:47:09 -0600 (CST)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by mule1.mindspring.com (8.8.2/8.7.3) with ESMTP id SAA29322 for <aprssig@tapr.org>; Sun, 15 Dec 1996 18:47:08 GMT
Received: from ms137746.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.7.5/8.7.3) with SMTP id NAA22554 for <aprssig@tapr.org>; Sun, 15 Dec 1996 13:47:05 -0500 (EST)
Message-Id: <3.0.32.19961213175426.0068e3e4@mindspring.com>

X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 15 Dec 1996 13:39:08 -0500
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:7184] Re: AEA PK-12 problems with APRS
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK- I have a similar situation with WinAPRS 117. I use a KPC-3 at my Office station. When the PC is up and the program is running, I am on the map. When I shut down the PC, the Icon stops refreshing on everyone else's screens and I eventually drop off the map.

This TNC never did this with DosAPRS, and I have even set up the TNC manually to beacon, but after I run WinAPRS, the beacons stop. I have no exit commands set in WinAPRS that I know of.

I wonder what is golding off the TX of the TNC when WinAPRS is not running!

Anyone else with a similar problem? Anyone else NOT having this problem (you are updated on the map while the PC is off)?

And with all the work Mark says he has done recently- I sure hope he put in the backup file routines! It is such a pity to lose all the stations I have plotted just because I exit and re-enter the program.

Ralph
rwf@mindspring.com

From rwf@mindspring.com Sun Dec 15 12:47:12 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28550 for <aprssig@tapr.org>; Sun, 15 Dec 1996 12:47:11 -0600 (CST)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by mule0.mindspring.com (8.8.2/8.7.3) with ESMTP id SAA90902; Sun, 15 Dec 1996 18:47:10 GMT
Received: from ms137746.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.7.5/8.7.3) with SMTP id NAA22559; Sun, 15 Dec 1996 13:47:06 -0500 (EST)
Message-Id: <3.0.32.19961213180502.0068e3e4@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 15 Dec 1996 13:39:10 -0500
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Hacking the Tripmate
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm all for a good hack- and I am glad that folks are reverse engineering the Tripmate, but I had this thought:

It seems that after we add external antenna ports, power supplies, microprocessors or special code to init the thing (the kind of init that tells it where it last was)- we could have probably bought a GPS module that's not ugly, is ready for external power, has a (powered) connector for an external antenna, and doesn't lose track of where it last was.

I still haven't heard if there is a speed or altitude limit, though. Something that cheap might be a good disposable unit for a rocket orballoon flight- although we have recovered ALL of our balloons and several of Bill Brown's too.

Ralph
rwf@mindspring.com

From rwf@mindspring.com Sun Dec 15 12:47:14 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28560 for <aprssig@tapr.org>; Sun, 15 Dec 1996 12:47:12 -0600 (CST)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by mule1.mindspring.com (8.8.2/8.7.3) with ESMTP id SAA29342 for <aprssig@tapr.org>; Sun, 15 Dec 1996 18:47:10 GMT
Received: from ms137746.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.7.5/8.7.3) with SMTP id NAA22562 for <aprssig@tapr.org>; Sun, 15 Dec 1996 13:47:08 -0500 (EST)
Message-Id: <3.0.32.19961213181321.0068e3e4@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 15 Dec 1996 13:39:11 -0500
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:7192] DEEYENDA MADDICK VIRUS (fwd)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Nice story... but one's computer *still* cannot be infected by any type of virus merely by reading an email. A program or macro must be run, or an infected boot sector must be read from a disk drive. This looks like another twist on the "Good Times" or "PenPals" urban-virus-legend.

But Arte is right, we should know what we are running on our PCs! Run a background virus checker, scan all executable files before you run 'em, scan floppies as soon as you insert 'em, get a macro virus checker for Word, Excel and other programs that have 'em available and use common sense.

73 and Happy (virus-free) holidays!

From rwf@mindspring.com Sun Dec 15 12:47:16 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28592 for <aprssig@tapr.org>; Sun, 15 Dec 1996 12:47:15 -0600 (CST)

Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by mule1.mindspring.com (8.8.2/8.7.3) with ESMTP id SAA28590 for <aprssig@tapr.org>; Sun, 15 Dec 1996 18:47:12 GMT
Received: from ms137746.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.7.5/8.7.3) with SMTP id NAA22567 for <aprssig@tapr.org>; Sun, 15 Dec 1996 13:47:09 -0500 (EST)
Message-Id: <3.0.32.19961213181614.0068e3e4@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 15 Dec 1996 13:39:12 -0500
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:7190] Great APRS HF for \$189!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From the Bob-Meister:

>DISADVANTAGES:

- > QRP 4 watts. I plan to add the Ramsey 20 Watt amp (\$49 Kit)
- > VFO freq drift expect to be a problem when human not present
- > XMT FSK mods required (probably just a pot and connectors)
- > IF feedthrough (I could hear a 6MHz SW station bleeding through theIF)
- > but couldnt test the isolation because my sig gen only goes >10 MHz

Also check out the sleazy, "Good-Buddy" amps that are a dime a dozen.
Seems as they are designed for a 4 watt input! ;-)

Ralph

From tparsons@peak.org Sun Dec 15 13:21:41 1996
Received: from PEAK.ORG (root@PEAK.ORG [198.68.22.17]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA00144 for <aprssig@tapr.org>; Sun, 15 Dec 1996 13:21:39 -0600 (CST)
Received: from parsonst (midgard109.PEAK.ORG [198.68.22.109]) by PEAK.ORG (8.6.13/8.6.7) with SMTP id LAA15513 for <aprssig@tapr.org>; Sun, 15 Dec 1996 11:21:43 -0800
Message-Id: <2.2.32.19961215192049.0069a0dc@peak.org>
X-Sender: tparsons@peak.org
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Dec 1996 11:20:49 -0800
To: aprssig@tapr.org
From: Tyler Parsons <tparsons@peak.org>
Subject: Re: homemade patch antenna

Where can one get the MINI-CIRCUITS MAR-6 preamp for construction of a GPS patch antenna? In small quantities (1).

Tyler Parsons PLS WB7DDL USMA '68
tparsons@peak.org Corvallis, Oregon
<http://www.peak.org/~parsonst/>

Ray Bradbury: "We are an impossibility in an impossible universe."

From jerdptro@xnet.com Sun Dec 15 13:43:11 1996
Received: from mail.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA01019 for <aprssig@tapr.org>; Sun, 15 Dec 1996
13:43:10 -0600 (CST)
Received: from n9vhw.xnet.com by mail.xnet.com (8.8.4/XNet-2.1R) with SMTP id
NAA17515 for <aprssig@tapr.org>; Sun, 15 Dec 1996 13:43:03 -0600 (CST)
Message-Id: <199612151943.NAA17515@mail.xnet.com>
Comments: Authenticated sender is <jerdptro@quake.xnet.com>
From: "Jerry" <jerdptro@xnet.com>
To: aprssig@tapr.org
Date: Sun, 15 Dec 1996 13:43:40 +0000
Subject: Re: [APRSSIG:7287] Re: DEEYENDA MADDICK VIRUS (fwd)
Reply-to: jerdptro@xnet.com
X-Confirm-Reading-To: jerdptro@xnet.com
X-pmrqc: 1
Return-receipt-to: jerdptro@xnet.com
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.41)

I can't believe you guys haven't figured this one out...think about
it.....

Jerry Di Pietro
K9GD
Streamwood, IL
jerdptro@xnet.com

From dseaburg@web-access.net Sun Dec 15 14:05:11 1996
Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA02045 for <aprssig@tapr.org>; Sun, 15
Dec 1996 14:05:10 -0600 (CST)
Received: from seab486dx4100 (ppp-b-42.web-access.net [208.6.179.42]) by
austin.aus.sig.net (8.7.6/8.7.3) with SMTP id OAA17512 for <aprssig@tapr.org>;
Sun, 15 Dec 1996 14:04:18 -0600 (CST)
Message-ID: <32B45A04.5738@web-access.net>
Date: Sun, 15 Dec 1996 14:05:24 -0600
From: Dale Seaburg <dseaburg@web-access.net>
Reply-To: dseaburg@web-access.net
X-Mailer: Mozilla 3.0Gold (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7280] MFJ HF caution
References: <Pine.GSO.3.95.961215102044.26244C-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>

> Tried to give a demo of the little rig with a long wire antenna. Again,

> the IF bleed through of SW broadcaster on 6 MHZ was stronger than anything
> on 30M so the AGC adjusted proportionally and you hear NOTHING on 30m.
>
> Im sure all real users of this little portable rig, take along a TUNED
> dipole or an antenna tuner to get the most out of their 4 watts QRP. That
> alone would give probably most of the needed isolation at 6 MHZ...to
> prevent this problem..
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
> GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

In lieu of an antenna tuner - which would be the better approach - why
not try a tuned trap (quick-n-dirty fix) on the front-end, tuned to
6mhz?

Dale Seaburg
dseaburg@web-access.net

From dseaburg@web-access.net Sun Dec 15 14:12:18 1996
Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA02205 for <aprssig@tapr.org>; Sun, 15
Dec 1996 14:12:17 -0600 (CST)
Received: from seab486dx4100 (ppp-b-42.web-access.net [208.6.179.42]) by
austin.aus.sig.net (8.7.6/8.7.3) with SMTP id OAA17778 for <aprssig@tapr.org>;
Sun, 15 Dec 1996 14:11:29 -0600 (CST)
Message-ID: <32B45BB4.5474@web-access.net>
Date: Sun, 15 Dec 1996 14:12:36 -0600
From: Dale Seaburg <dseaburg@web-access.net>
Reply-To: dseaburg@web-access.net
X-Mailer: Mozilla 3.0Gold (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7282] Serial port problems
References: <32B4248D.72D2@wtp.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Dapples wrote:

>
> Hi All,
>
> I have a Cyclades Cyclom-Y 8-port serial card on my
> computer. Windows recognizes the ports as com3...com11. The
> problem is that neither APRSdos or WinAPRS recognize any of
> the ports. WinAPRS says it cannot connect to the port and
> APRSdos just hangs trying to connect to the tnc.
> I know the Cyclades card is working as it shows up in the
> control panel system hardware listing. It also works correctly
> under Linux.
>

> Is anyone using a Cyclades card with APRS?? and if so
> did they have to do something special to get it to work??
> Suggestions would be appreciated.
>
> 73, Chris / KF7KN
> ccdapple@wtp.net

Chris,

I also bought one of those cards. After reading the fine print, I realized that you had to have special drivers (int 14, I think) to handle the card. They do not implement with individual com hardware (16550 or like).

Because of this, very little software will work, unless they conform to one of several standards mentioned in the Cyclades fine print... So my card is setting to the side for now! My impression is that this card is intended to support BBS software that have many incoming modem ports.

Wish I had known the gotcha's before plunging down the hardcash!

73 - Dale. KG5LT
dseaburg@web-access.net

From truxenia@erinet.com Sun Dec 15 15:44:10 1996
Received: from erinet.com (eri-shell.erinet.com [207.0.229.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA05847 for <aprssig@tapr.org>; Sun, 15 Dec 1996 15:44:08 -0600 (CST)
Received: from truxenia (dlp157.dayton.eri.net [207.90.116.189]) by erinet.com (8.8.0/8.8.0) with ESMTP id QAA10640 for <aprssig@tapr.org>; Sun, 15 Dec 1996 16:43:59 -0500 (EST)
Message-Id: <199612152143.QAA10640@erinet.com>
From: "Truman Boerkoel" <truxenia@erinet.com>
To: "Sig APRS" <aprssig@tapr.org>
Subject: Tripmate & KCP-3
Date: Sun, 15 Dec 1996 16:42:55 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Has anyone yet discovered how to use the DeLorme Tripmate & Kantronics KCP-3 with either the WinAPRS, APRSDos Programs or as a stand alone?

Vry 73 Tru K8JUG
truxenia@erinet.com

From K5QQ@aol.com Sun Dec 15 16:15:06 1996

Received: from emout02.mail.aol.com (emout02.mx.aol.com [198.81.11.93]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA08215 for <aprssig@tapr.org>; Sun, 15 Dec 1996 16:15:04 -0600 (CST)

From: K5QQ@aol.com

Received: by emout02.mail.aol.com (8.6.12/8.6.12) id RAA17037 for aprssig@tapr.org; Sun, 15 Dec 1996 17:14:33 -0500

Date: Sun, 15 Dec 1996 17:14:33 -0500

Message-ID: <961215171431_1853516693@emout02.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7273] Re: Gateway TNC after AEA Demise?

In a message dated 96-12-15 02:31:45 EST, snabkey@k8sn.org (Sam Nabkey, K8SN) writes:

<< Also, when my KAM had the dried Cap syndrome, they mailed me caps at no charge. >>

What is this? From time to time when I power up my OLD kam, it won't start. I have to cycle the power switch a few time to make it work. Is this the 'dried Cap syndrome'?

Thanks for any input.

Jim

From ronald@cyberstreet.com Sun Dec 15 16:24:30 1996

Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA08597 for <aprssig@tapr.org>; Sun, 15 Dec 1996 16:24:28 -0600 (CST)

Received: from cyberstreet ([207.30.55.33]) by mail.cyberstreet.com (post.office MTA v2.0 0813 ID# 114-12414) with SMTP id AAA205; Sun, 15 Dec 1996 17:24:27 -0500

Message-ID: <32B47A5B.33B0@cyberstreet.com>

Date: Sun, 15 Dec 1996 17:23:23 -0500

From: Pronald <ronald@cyberstreet.com>

Reply-To: ronald@cyberstreet.com

X-Mailer: Mozilla 3.01Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7290] Re: DEEYENDA MADDICK VIRUS (fwd)

References: <199612151943.NAA17515@mail.xnet.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Jerry wrote:

>

> I can't believe you guys haven't figured this one out...think about
> it.....

> Jerry Di Pietro

> K9GD

> Streamwood, IL

> jerdptro@xnet.com

Now I get it - ya gotta think dirty.

From ronald@cyberstreet.com Sun Dec 15 16:30:58 1996

Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA08764 for <aprssig@tapr.org>; Sun, 15 Dec 1996 16:30:56 -0600 (CST)

Received: from cyberstreet ([207.30.55.33]) by mail.cyberstreet.com (post.office MTA v2.0 0813 ID# 114-12414) with SMTP id AAA109; Sun, 15 Dec 1996 17:30:55 -0500

Message-ID: <32B47BDE.1B79@cyberstreet.com>

Date: Sun, 15 Dec 1996 17:29:50 -0500

From: Pronald <ronald@cyberstreet.com>

Reply-To: ronald@cyberstreet.com

X-Mailer: Mozilla 3.01Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7271] Re: Gateway TNC after AEA Demise?

References: <32B35BA6.5160@ix.netcom.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

kb6lfm wrote:

>

> Mark Fellhauer wrote:

> >

> > At 06:09 PM 12/13/96 -0600, kb6lfm wrote:

> > >

> > > Kantronics has Excellent Tech Support!

> >

> > Excuse me!? Did you really type that? Kantronics with excellent tech

> > support? C'mon, I called them with some basic questions about the GPS

> > upgrade for the KPC-3 and I knew more about GPS than the person answering

> > the phone and they would not let me speak to any one responsible for the

> > firmware or design of their hardware!

> >

> > Ditto for the 9612 paging upgrade.

> >

> > That's lousy tech support!

> >

> > Mark Fellhauer

> > KC7BXS

>

> KB6LFM WRITES:

>

> Yup...! I wrote that..., It was me...!

>

> SRI to hear that you had to call Kantronics with some basic questions

> about up-grading your KPC-3 to the GPS Ver 6.0. When I up-graded my

> KPC-3, all I had to do was replace 1 plug-in IC chip, and do a hard

> reset. The documentation that came with the up-grade was very easy to

> understand (even for a longshoreman... Hi.!) The point is; in my

> opinion, and for my money, Kantronics is hard to beat. They are user

> friendly, competitively priced, still in business.....! The only time
> that I have needed their "Tech Support" was when I wanted to hook-up my
> KAM+ to a scope. I spoke with Don Rixon, who not only told me how to do
> it over the phone, he also FAXED me a copy of the components location
> with the modification penciled in. How can I bi*#h about that..!

My 2 cents:

When I called Rixon 6 months ago about trouble with KPC-3, APRS,GPS
hookup - Don told me that the only guy they had that knew anything
about ARPS & GPS left the company. Lotsa luck.

Ron Oblinger
KD4AMS

>
> Here is one for the SIG
>
> "Ever wonder why the JA's are not in the TNC business..?"
>
> 73. Bill KB6LFM
>
> West Coast Gateway Station in SFO

From schiers@ames.net Sun Dec 15 16:39:51 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA09198 for <aprssig@tapr.org>; Sun, 15 Dec 1996
16:39:48 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id QAA06878 for <aprssig@tapr.org>; Sun, 15 Dec 1996
16:38:25 -0600
Message-Id: <199612152238.QAA06878@brain.ames.net>
Date: Sun, 15 Dec 96 16:38:03 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7272] AEA demise.. TNC's
In-Reply-To: <199612150346.TAA01526@poseidon.coastside.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612150346.TAA01526@poseidon.coastside.net>, on 12/14/96 at 09:59
PM,

"William B. Bliss/WB6LPG" <wbliss@coastside.net> said:

>Gwyn Reedy/W1BEL here on the net has often offerd help,
>suggestions , recommendations and met our ham requests for
>different types of TNC and support of digital radio. His
>320 HF/VHF series and other TNC & Controllers are top of
>the line.
> How about it Gwyn, any GATEway TNC in the offing and how
>about the Mic-3 system in the works. Time to step in and
>take AEA place, keep up the good work.

I would buy from Gwyn in a second if he had the product. The only reason I hadn't mentioned PacComm was because they don't list, nor have I ever heard mentioned any dual port hf/vhf tncs, much less simultaneous operation.

there is a vacuum in the market now, with only one vendor, Kantronics. I would much rather do business with Gwyn. They have been first rate with me, and I love their products.

hasan schiers, NOAN

schiers@ames.net

From jerryr49@magg.net Sun Dec 15 16:48:20 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA09814 for <aprssig@tapr.org>; Sun, 15 Dec 1996 16:48:18 -0600 (CST)

Received: from wpb-133.magg.net (wpb-133.magg.net [205.218.112.133]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with SMTP id RAA21809 for <aprssig@tapr.org>; Sun, 15 Dec 1996 17:48:16 -0500

Received: by wpb-133.magg.net with Microsoft Mail

id <01BBEAAF.B82DB440@wpb-133.magg.net>; Sun, 15 Dec 1996 17:45:11 -0500

Message-ID: <01BBEAAF.B82DB440@wpb-133.magg.net>

From: Jerry Rector <jerryr49@magg.net>

To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: RE: [APRSSIG:7290] Re: DEEYENDA MADDICK VIRUS (fwd)

Date: Sun, 15 Dec 1996 17:44:33 -0500

Return-Receipt-To: <jerryr49@magg.net>

Encoding: 16 TEXT

On Sunday, December 15, 1996 8:46 AM, Jerry[SMTP:jerdptro@xnet.com] wrote:

>I can't believe you guys haven't figured this one out...think about

>it.....

>Jerry Di Pietro

>K9GD

>Streamwood, IL

>jerdptro@xnet.com

>

>

Some of use HAVE figured it out, but because of the crudeness, have let it drop.

Jerry

KB4OAM

Port St Lucie FL

jerryr49@magg.net

From ddoulou@gte.net Sun Dec 15 17:22:49 1996

Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA11384 for <aprssig@tapr.org>; Sun, 15 Dec 1996 17:22:48 -0600 (CST)

Received: from maximus (clw232093.gte.net [207.115.232.93]) by smtp.gte.net (SMI-8.6/) via SMTP id RAA06110 for <aprssig@tapr.org>; Sun, 15 Dec 1996 17:22:46 -0600

Message-ID: <32B4882E.45E8@gte.net>
Date: Sun, 15 Dec 1996 18:22:22 -0500
From: Demos Doulou <ddoulou@gte.net>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7293] Tripmate & KCP-3
References: <199612152143.QAA10640@erinet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Truman Boerkoel wrote:

>
> Has anyone yet discovered how to use the DeLorme Tripmate &
> Kantronics KCP-3 with either the WinAPRS, APRSDos Programs or as a
> stand alone?
>
> Vry 73 Tru K8JUG
> truxenia@erinet.com

To run stand alone, install r48 in the kpc3 to force the dtr line high (this turns the tripmate on).

set GPSINT to ASTRAL

use a null modem adapter to connect the tripmate to the kpc3.

Works fine.

73

Demos KR4US
kr4us@amsat.org

From w4wwwq@juno.com Sun Dec 15 17:22:55 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA11402 for <aprssig@tapr.org>; Sun, 15 Dec 1996 17:22:53 -0600 (CST)
Received: (from w4wwwq@juno.com) by x3.boston.juno.com (queuemail) id SYK21499; Sun, 15 Dec 1996 18:21:55 EST
To: aprssig@tapr.org
Subject: Re: Computer Virus time again
Message-ID: <19961215.181943.7919.1.W4WWQ@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 4-5,7-12,14-15,17-66,68-73,75-76,78-79,81-84,86,88-90,92-93,95-96,98,100-108,110-181
From: w4wwwq@juno.com (Peter J Lascell)
Date: Sun, 15 Dec 1996 18:21:55 EST

The recent virus alerts had made it to my other favorite lists, now to

APRS. Guess it is time to re inoculate your minds with information about viruses. Forgive me if you have seen this before, but it appears we have new subscribers we need to put at ease about the subject of computer viruses.

Understandably advertisers help pay for it, but TourBus usually has good information twice a week about the Internet.

Peter Lascell
Forest, VA
w4wwwq@juno.com

-----begin forwarded
message-----

TOURBUS Posting for 5

NOV 96

```
/~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~\
|      "Why | Surf When / You Can | Ride The | Bus?"      /      |  \
|_____|_____/_|_____/_|_____/_|_____/_|_____/_|  \
/                                     /_____/_|_____\
|   Get FOUR FREE CD-Roms! Find out how by visiting         |/////|
|   http://www.worldvillage.com/freecds.htm                  |/////|
|                                                             |/////|
~~~~~\~~~~\~~~~\~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|
\___/  \___/  T h e   I n t e r n e t   T o u r B u s   \___/
```

TODAY'S TOURBUS STOP: Computer Viruses

Boo! Did I scare you? Probably not... but today's TOURBUS posting might, because we're going to talk about Computer Viruses. Ooooooh!

Let me start by saying that MOST of what you've heard about computer viruses is probably wrong. Your computer can't get one from a toilet seat, or by getting sneezed on by another computer that has a virus. You DON'T have to be scared of computer viruses, but you DO need to take certain precautions to protect your computer and its data.

This issue of TOURBUS will point you to some excellent resources to help you to learn more about computer viruses (and related nasties), ease your poor troubled mind, and protect yourself from the threat.

Let's start with a few (somewhat geeky) definitions:

A COMPUTER VIRUS is a program that can infect (invade) other computer programs.

A COMPUTER WORM is a self-contained program that is able to spread copies of itself, usually over a network.

A TROJAN HORSE is a program that purports to be fun or useful but actually does something nasty. It cannot spread like a virus or worm.

A MAIL BOMB is an e-mail message that can allegedly cause harm to your computer simply by opening and reading the message.

If you're not a geek, the difference between these five things is pretty subtle. One way or another, you're dealing with a malicious entity that can cause damage to your system. If you like, go ahead and call them all viruses, but beware that you're likely to be "corrected" by someone with one to many pencils in his pocket protector.

Are These Things For Real?

Viruses, worms and trojan horses do exist. Maybe you've heard of "Stoned", "Michelangelo" or others - these are real and can cause serious damage to a single computer or an entire network. Anything from spurious messages appearing on your screen to unexplained slowdowns to mangled files to a complete hard disk wipeout is possible.

But let me digress for just a moment to discuss some viruses that aren't...

* The "Good Times Virus" - is a HOAX that has circulated for several years.

It's supposed to be a mail bomb, but such things simply do not exist.

YOU CAN NOT GET A VIRUS SIMPLY BY OPENING YOUR E-MAIL. A virus can only affect your system if you install and run a piece of software.

* The "Netscape Mail Bomb" is not a real threat. A now-fixed bug in Navigator V3 could result in your system locking up when a certain bit of HTML code was encountered. Requests for more information about this will be cheerfully ignored. :-)

* PKZIP300 - is not a hoax, but it has become bigger than life.

PKZIP300

is supposedly a rogue "Version 3" of the popular PKZIP software that is "circulating widely" on the Internet. Claims that this trojan horse

program can cause damage SIMPLY BY DOWNLOADING IT are ridiculous, and to my knowledge it is not publicly available ANYWHERE on the Internet or elsewhere. See the PKWARE site at <http://www.pkware.com> for more info.

How Can I Avoid Computer Viruses?

First, you can't avoid viruses by shunning shareware, freeware or games. There are cases where even commercial "shrink wrapped" software was

accidentally packaged with a virus.

The best course of action is to be cautious of ANY newly acquired software and to use "anti-virus" software that will automatically alert you to any potential dangers.

I also highly recommend that you read the "VIRUS-L FAQ" to get expert answers to questions like these and others:

- * What are the known viruses, major symptoms and possible cures?
- * Where can I get free or shareware antivirus programs?
- * Where can I get more information on viruses, etc?
- * What steps should be taken in diagnosing and identifying viruses?
- * What is the best way to remove a virus?

This FAQ is online at http://www.bocklabs.wisc.edu/~janda/virl_faq.html and can also be obtained by sending e-mail to LISTSERV@LEHIGH.EDU with the command "INFO VIRUS-L" in the message body.

The VIRUS-L mailing list (also available on Usenet as comp.virus) is a forum for sharing information and ideas about computer viruses. Discussions include virus sightings, virus prevention and Q & A. To subscribe, send e-mail to LISTSERV@LEHIGH.EDU with the command "SUBSCRIBE VIRUS-L Your Name" in the message body.

Who Writes Malicious Computer Viruses?

Remember that kid in high school - the one you picked on because his pant cuffs didn't come down quite far enough to meet his cheap sneakers? Your merciless taunting drove him into the computer lab, where he sought revenge on the entire human race. This is all YOUR fault. :-)

Some Other Cool Virus-Related Stuff

I hope you'll read the VIRUS-L FAQ and get yourself educated on how to avoid computer viruses. When you're done there, here's further reading:

- * ZDNet Download Help - <http://www.hotfiles.com/hlpframe.html>
- * Computer Virus Myths Page - <http://www.kumite.com/myths/>
- * NH&A Anti-Virus Page - <http://www.nha.com>
- * Virus Humor - <http://www.netwrx.net/raport2/cmptrs.htm>

And when you're done there, pop over to visit AARDWULF, the sponsor who made today's issue possible (and find out if aardwolves really exist).

+-----+
AARDWULF Apparel offers quality brands like Timberland and Calvin Klein at prices you can only get on the Web!
+------(<http://www.aardwulf.com>)-----+

See you next time! --Bob

```
=====
                        For info on my new book
-->  "Doctor Bob's Painless Guide To The Internet"  <--
send e-mail to BobRankin@MHV.net w/ Subject: SEND BOOKINFO
or visit my home page at http://csbh.mhv.net/~bobrankin
Drop in to read reviews and sample chapters!
=====
```

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-----=
Join   : Send SUBSCRIBE TOURBUS Your Name to LISTSERV@LISTSERV.AOL.COM
Leave   : Send SINGOFF TOURBUS to LISTSERV@LISTSERV.AOL.COM
Archives: On the Web at http://www.worldvillage.com/tourbus.htm
Advertising: E-mail BobRankin@MHV.net w/ Subject: SEND TBRATES
=====
```

TOURBUS - (c) Copyright 1996, Patrick Crispen and Bob Rankin
All rights reserved. Redistribution is allowed only with permission.
Send this copy to 3 friends and tell them to get on the Bus!

----- end forwarded message -----

From eac@shore.net Sun Dec 15 17:28:12 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA11591 for <Aprssig@Tapr.Org>; Sun, 15
Dec 1996 17:28:11 -0600 (CST)
Received: from northshore.shore.net (root@shell11.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id SAA12244; Sun, 15 Dec 1996 18:28:05
-0500 (EST)
Received: from pm2-90 (pm2-90.lynnma.shore.net [204.167.109.90]) by
northshore.shore.net (8.8.3/8.8.3) with SMTP id SAA12864; Sun, 15 Dec 1996
18:28:03 -0500 (EST)
MIME-Version: 1.0
Date: Sun, 15 Dec 1996 18:37:36 -0400
To: rwf@mindspring.com
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7286] Hacking the Tripmate
Message-Id: <850693056-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <850693056-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

But hacking is half the fun!

Actually if someone wants all that stuff the "Jupiter" board that is
the tripmate's big brother can be bought for about \$220.

It is 5 volts DC power only and has 1 PPS output, antenna power input.

external antenna connection, DGPS input and the lot.

It is just a PC board with connector. You furnish the dc power regulator.
antenna, MAXUM RS-232 chip, and case.

73 Eric eac@shore.net

From schiers@ames.net Sun Dec 15 17:39:36 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA12218 for <aprssig@tapr.org>; Sun, 15 Dec 1996
17:39:35 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (Dschiers@nevia.net [206.29.127.230]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id RAA07558 for <aprssig@tapr.org>; Sun, 15 Dec 1996
17:38:11 -0600
Message-Id: <199612152338.RAA07558@brain.ames.net>
Date: Sun, 15 Dec 96 16:57:24 -0600
To: aprssig@tapr.org
Subject: HF Conditions Look Good
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

Those that wondered what hf conditions were like:

In the last 12 hours I have logged 144 stations, 130 of
which are from HF on 30m.

BTW, Charlie, N5TD, thanks for the report. I think we
lost propagation some time ago and I was on the road
when you left your message. 73,

hasan schiers, NOAN

schiers@ames.net

From n2czf@magg.net Sun Dec 15 18:11:43 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA13773 for <aprssig@tapr.org>; Sun, 15 Dec 1996
18:11:42 -0600 (CST)
Received: from default (wpb-167.magg.net [205.218.112.167]) by grumpy.magg.net
(8.8.3/8.8.3-Zaph-1) with ESMTP id TAA28132 for <aprssig@tapr.org>; Sun, 15 Dec
1996 19:11:39 -0500
Message-Id: <199612160011.TAA28132@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7297] Re: AEA demise. and PacComm
Date: Sun, 15 Dec 1996 19:05:08 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I own 3 TNC-320's from PacComm these are dual port HF or VHF TNC's. They ARE NOT SIMULTANIOUS but they do cover 300 and 1200 baud packet and I have been very happy with both of them! A couple of years ago I posed the question to pacComm about possibly having a similar TNC that will GATE but that was it. They have had their hands full with the PicoPacket and now the Mic Encoder so it is understandable, how bout' it Gwen? Things slowing up enough to start another "venture" ?

SNIP

> I would buy from Gwyn in a second if he had the product. The
> only reason I hadn't mentioned PacComm was because they don't list, nor
> have I ever heard mentioned any dual port hf/vhf tncs, much less
> simultaneous operation.
>
> there is a vacuum in the market now, with only one vendor,
> Kantronics. I would much rather do business with Gwyn. They
> have been first rate with me, and I love their products.
>
> hasan schiers, NOAN
> -----
> schiers@ames.net
> -----

From n2czf@magg.net Sun Dec 15 18:19:13 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA14261 for <aprssig@tapr.org>; Sun, 15 Dec 1996 18:19:11 -0600 (CST)
Received: from default (wpb-167.magg.net [205.218.112.167]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id TAA28553 for <aprssig@tapr.org>; Sun, 15 Dec 1996 19:19:09 -0500
Message-Id: <199612160019.TAA28553@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Street atlas 4.0 and GPS-50 Help!
Date: Sun, 15 Dec 1996 19:12:37 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Just figure! I am not planing to buy Street Atlas 4.0 so I delete most of the mail reading a little here and there... then my boss goes off and bought me a copy as a present!

This is the story, I installed it in my notebook, runing it off of a CD-ROM

and plugged in my Garmin GPS-50. I get good data coming in as read with QmodemPro but when I Init the GPS function using "generic NEMA" I get no reading. If I monitor the GPS in the SA window all I get is accruing Sats at the top but my GPS is already locked in. The GPS-50 as all the other Garmin GPS units puts out the \$GPRMC statement, does anyone know what I am doing wrong ? I have run it a couple of times before using a co-workers GPS-45 a few weeks ago and maybe (it has been a rough month!) even ran it with my GPS-50 also. I really can't remember with a heavy workload and final exams my brain is just starting to recover from overload!

Rich Garcia N2CZF
Jupiter Farms Florida
n2czf@magg.net
<http://www.magg.net/~n2czf/aprs.html>
<http://www.magg.net/~n2czf/index.html>

From schiers@ames.net Sun Dec 15 19:20:05 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA16816 for <aprssig@tapr.org>; Sun, 15 Dec 1996 19:20:04 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (Dschiers@nevia.net [206.29.127.230]) by brain.ames.net (8.6.12/8.6.9) with SMTP id TAA08818 for <aprssig@tapr.org>; Sun, 15 Dec 1996 19:18:38 -0600
Message-Id: <199612160118.TAA08818@brain.ames.net>
Date: Sun, 15 Dec 96 18:58:38 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7303] Re: AEA demise. and PacComm
In-Reply-To: <199612160011.TAA28132@grumpy.magg.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612160011.TAA28132@grumpy.magg.net>, on 12/15/96 at 06:13 PM,
"Richard F. Garcia" <n2czf@magg.net> said:

>-----

>I own 3 TNC-320's from PacComm these are dual port HF or VHF TNC's. They
>ARE NOT SIMULTANIOUS but they do cover 300 and 1200 baud packet and I
>have been very happy with both of them! A couple of years ago I posed the
>question to pacComm about possibly having a similar TNC that will GATE
>but that was it. They have had their hands full with the PicoPacket and
>now the Mic Encoder so it is understandable, how bout' it Gwen? Things
>slowing up enough to start another "venture" ?

>***SNIP***

>> I would buy from Gwyn in a second if he had the product. The
>> only reason I hadn't mentioned PacComm was because they don't list, nor
>> have I ever heard mentioned any dual port hf/vhf tncs, much less
>> simultaneous operation.
>>

>> there is a vacuum in the market now, with only one vendor,
>> Kantronics. I would much rather do business with Gwyn. They
>> have been first rate with me, and I love their products.
>>
>> hasan schiers, NOAN
>> -----
>> schiers@ames.net
>> -----

If Gwyn is going to look at this, one consideration is the market. Established prices need to be looked at as well as the feature set and hardware. What we don't need is some cheap knock-off that uses a PLL demodulator on hf. Dual tone filtering like in the PK232 and above are a must. PLL decoders just don't cut it on hf. I don't know anything about the KAM + in terms of its filtering, but given a report one user sent me regarding the comparative performance of his PK900 vs the KAM...it sounds like the KAM might be using a PLL demodulator, or poorly implemented filtering. I don't mean to imply that PacComm would do a cheap knock-design...I am just worried about the bottom line approach that I see taken all too often in hf amateur packet gear.

<rant on>

The sad part about this is that it ain't rocket science. It isn't new technology. Good rtty demodulators have been around for 20 years, but too many manufacturers have tried to get by on the cheap with the PLL design that works marginally well on vhf, where S/N are quite high, but much more poorly on HF, where noise is part of life.

The good hf units (AEA PK232 and above) all incorporated reasonably good filter design. The rest, when compared side-by-side, are rubbish. Yes, they work...but very poorly by comparison, much like saying "I worked Europe on a coat-hanger."

In my own side-by-side comparisons, feeding the same audio into two units, i.e., PK-232 and DSP-2232, the 2232 copied MANY more marginal packets than the 232...and keep in mind, the 232 uses dual tone filtering, or at the very least multi-pole demodulation filtering. Those of us using PLL demodulators are getting performance FAR worse than this and probably don't have a clue regarding how bad it really is.

I don't mean to get off on a rant here, but the reason AEA was so popular was because they did some things much "righter" than the competition. (One of which was not customer service, at least in my own experience). Their hardware was very, very good.

What does all this have to do with APRS...well...those of us on HF need an alternative now that AEA has gone under. Further, if Bob succeeds with his experiments with an inexpensive, but low power rig for hf aprs, we are going to need the best demodulators we can afford. 20w (assuming the 5w rig and amp), isn't a lot. Good antennas are not exactly common on 30m aprs, either. With many of the stations currently running 100w out, going

to 20w and feeling good about it is kind of scary. 5:1 power reduction is
> 6 dB loss.

The door is open, examples of good equipment for a reasonable price are
available (unless the price structure is what put AEA under...which I
doubt). Now all we need is some savvy entrepreneur to fill the vacuum.

<end of rant>

hasan schiers, NOAN

schiers@ames.net

From rmanak@execpc.com Sun Dec 15 19:39:36 1996
Received: from mailgate.execpc.com (root@mailgate.execpc.com [169.207.16.5]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA17532 for <aprssig@tapr.org>; Sun, 15
Dec 1996 19:39:34 -0600 (CST)
Received: from mail.execpc.com (mail [169.207.16.2]) by mailgate.execpc.com
(8.8.4/8.8.3) with ESMTP id TAA07996 for <aprssig@tapr.org>; Sun, 15 Dec 1996
19:41:19 -0600
Received: from default (brakepad.execpc.com [169.207.8.62]) by mail.execpc.com
(8.8.4/8.8.3) with SMTP id TAA29548 for <aprssig@tapr.org>; Sun, 15 Dec 1996
19:39:29 -0600 (CST)
Message-Id: <2.2.32.19961216014038.006fb1e4@mail.execpc.com>
X-Sender: rmanak@mail.execpc.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Dec 1996 19:40:38 -0600
To: aprssig@tapr.org
From: Robert J Manak <rmanak@execpc.com>
Subject: SiRF GPS chipset

Information on a GPS chipset from SiRF.
Is this set used in any APRS products?

SiRF Site <http://www.sirf.com/>

73 bob AA9JW

Information from PCWEEK December 9, 1996 page 133

Mind The Gap
Low-cost GPS devices: A gift for the disoriented
By Jim Louderback

Did you ever go orienteering? It's a ton of fun! You basically try to follow
a polygonal course through the woods with only a compass and a topographic

map for tools. It's great to run through the forest, sighting marks, matching physical contours with elevation lines on the map and navigating by your wits alone.

I can imagine that sailors feel the same way about navigating by sextant. It must be so liberating to chart a course with only the stars, a map and a small device in hand.

Alas, just as LORAN towers and other navigational aids have turned the sextant into a curiosity, orienteering is about to become an ancient art, more suited to medieval fairs than practical navigation.

Why? Because a small company called SiRF is about to bring inexpensive GPS to the masses.

You know about GPS, or the Global Positioning System. Essentially, it uses a network of satellites to determine, within a few inches, exactly where you are at any time. Our benevolent military launched GPS to allow their death machines precise targeting capabilities. But we consumers will put it to better use.

Civilians are already using GPS today, of course. Many businesses use it to track delivery vans, and Avis puts GPS into some vehicles. (If I hear that obnoxious "Mommy's lost" ad one more time, I'll scream!) But these devices cost way more than \$500 and have significant startup and performance issues.

SiRF was started by refugees from S3, who hoped to apply lessons learned there to GPS. S3 delivered some of the first inexpensive graphics chips to the masses. A fabless design company, S3 created the chips that made Diamond, Number Nine and many others rich. You probably use its stuff in your PC.

SiRF has done three things right. First, it has dropped the chip-set cost to about \$50 today, and even lower down the road. Second, it has reduced startup time to less than a minute. Current GPS systems often take 15 to 20 minutes to triangulate themselves into position. Third, SiRF is licensing its designs widely, which allows low-cost developers from Taiwan and elsewhere to build cheap products. Mitac has already committed to rolling out SiRF-based products in 1997.

Imagine for a minute that it only costs \$25 and a power source for any object to know exactly where on earth it is. Right away, Waldo, for sure, will never get lost again. At that price, GPS can be built into anything that moves, including notebooks, automobiles, bicycles, odometers and more.

Now imagine that the device can send and receive small wireless messages. Suddenly you can locate any object anywhere (as long as the batteries last). Kids, dogs, important packages, your boss, anything. Nothing would ever get lost again--even if it wanted to.

Of course, there are still some challenges (a.k.a. problems) with GPS. Those satellite signals can be obscured by foliage, high buildings and tunnels, or

confused by signal reflection. SiRF is addressing these problems, but it won't be able to solve them all.

Still, like SiRF, I'm excited about GPS everywhere. Now I really never will have to stop for directions.

Jim_ Louderback@Zd.Com

From rwf@mindspring.com Sun Dec 15 20:06:39 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA18792 for <aprssig@tapr.org>; Sun, 15 Dec 1996 20:06:35 -0600 (CST)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by mule0.mindspring.com (8.8.2/8.7.3) with ESMTP id CAA109980 for <aprssig@tapr.org>; Mon, 16 Dec 1996 02:06:35 GMT
Received: from ms137746.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.7.5/8.7.3) with SMTP id VAA09994 for <aprssig@tapr.org>; Sun, 15 Dec 1996 21:06:31 -0500 (EST)
Message-Id: <3.0.32.19961215204954.006a6c5c@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 15 Dec 1996 20:58:34 -0500
To: aprssig@tapr.org
From: Ralph Fowler N4NEQ <rwf@mindspring.com>
Subject: Re: [APRSSIG:7276] Re: Gateway TNC after AEA Demise?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:30 AM 12/15/96 -0600, Mark F. wrote:

>At least PacComm has a person who's active in this SIG, and she knows product
>and is quite helpful.

"She"'s a "He".

And is the Owner of the Company to boot!

I agree with your comments about Kantronics. Pretty good stuff, but no help from the Factory and no obvious Tech Support any of the times I have called.

Ralph

BTW

I think the owner of Kantronics has at one time been a bit active with APRS- at least he DID come to the APRS eyeball at Dayton 2 years ago, but that is all the active APRS involvement I have seen since I have been involved.

I once suggested a software improvement to the KPC's GPS mode that would slow down the GPS beacon rate when a vehicle was not moving, but they told

me it couldn't be done because they only retransmitted the NMEA. I disagree, and am pretty sure another Company WILL do this for us when priorities permit.

From jbc5@po.cwru.edu Sun Dec 15 20:40:05 1996

Received: from arthur.INS.CWRU.Edu (root@arthur.INS.CWRU.Edu [129.22.8.215]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA20049 for <aprssig@tapr.org>; Sun, 15 Dec 1996 20:40:03 -0600 (CST)

Received: from jbc5-ra.cwru.edu (dialin087.REMOTE.CWRU.Edu [129.22.220.87]) by arthur.INS.CWRU.Edu with ESMTP (8.7.6+cwru/CWRU-3.0)

id VAA13557; Sun, 15 Dec 1996 21:39:58 -0500 (EST) (from jbc5@po.cwru.edu for <aprssig@tapr.org>)

Message-Id: <199612160239.VAA13557@arthur.INS.CWRU.Edu>

From: "Joseph B. Carter" <jbc5@po.cwru.edu>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:7297] Re: AEA demise.. TNC's

Date: Sun, 15 Dec 1996 21:39:21 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

> From: schiers@ames.net

> To: aprssig@tapr.org

> Subject: [APRSSIG:7297] Re: AEA demise.. TNC's

> Date: Sunday, December 15, 1996 17:44 PM

>

>

> there is a vacuum in the market now, with only one vendor,
> Kantronics. I would much rather do business with Gwyn. They
> have been first rate with me, and I love their products.

>

> hasan schiers, NOAN

> -----

> schiers@ames.net

> -----

>

Just my 2 cents, Have been running a KAM (old style 7.1 firmware) for 2 yrs

or so and no problems. No real difficulty dealing with Kantronic either,
BUT,

I also have a PicoPacket from PacComm and it has been a real pleasure
dealing

with them. I would buy from them again as my first choice. I second
hasan's post.

joe carter, W9JC

jbc5@po.cwru.edu

From bruninga@nadm.navy.mil Sun Dec 15 20:47:04 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA20201 for <aprssig@tapr.org>; Sun, 15 Dec 1996 20:47:03 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id VAA05085 for <aprssig@tapr.org>; Sun, 15 Dec 1996 21:52:20 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 15 Dec 1996 21:52:20 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7270] Re: HF APRS cheap
In-Reply-To: <961214192050_1753620369@emout16.mail.aol.com>
Message-ID: <Pine.GS0.3.95.961215214741.4826C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 14 Dec 1996 AC6JA@aol.com wrote:

> been following the messages regarding mfj rig for aprs qrp!.....
> ... i have already successfully used my index labs qrp plus on hf aprs
> qrp, along with rtty, pactor, amtor, etc. it's suprising what 5 watts
> can do.

APRSDOS REPLY/COMMENT: As a new commer to QRP rigs, I am not a connoseur (sp?) so if anyone has experience with them, please jump in with your experiences. Here are 2 tests needed.

1) Anyone with a rig to space should monitor 10.151.USB UPPER SIDE BAND for an extended period of time and see if there are any users up there. If the USB is clear, then QRP direct conversion receivers should work fine. If there is commerical or other users up there, then they will QRM the DC receivers since they hear BOTH sidebands. Anyone wtih any SSB receiver can collect this data...

2) How well does your QRP rig receive packet?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From n2czf@magg.net Sun Dec 15 22:00:55 1996
Received: from grumpy.magg.net (root@[205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA23083 for <aprssig@tapr.org>; Sun, 15 Dec 1996 22:00:54 -0600 (CST)
Received: from default (wpb-130.magg.net [205.218.112.130]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id XAA11851 for <aprssig@tapr.org>; Sun, 15 Dec 1996 23:00:17 -0500
Message-Id: <199612160400.XAA11851@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>

To: <aprssig@tapr.org>
Subject: KAM and KAM+ Observations
Date: Sun, 15 Dec 1996 22:53:44 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Let me make a note here about some of the comments that I have made about the KAM and KAM+ as compared with a PK-900. I do understand what everyone says about not having any problems with the KAM models on HF, I did not either for awhile.

When I suddenly became unemployed years back and started a APRS GATE I had a lot of time on my hands. I was given the PK-900 as a Christmas present and did my side by side tests on both TNC's nothing scientific but used same radios, same antenna and 2 PC's at the same time. I never was aware that there were so many packets that I was not decoding until I ran both of them for a few days and looked at the hit list.

If one did not have a PK-900 or DSP-2232 at this time and needed one, by all means go right ahead and buy a KAM+, it is not that bad but again there have (past tense) been better units out there for GATEWAY operations. If you only want a single port TNC for HF and VHF at one time do look at the PacComm TNC-320 that is a very good alternative if you do not need a gate feature.

I for one hope that my PK-900 holds out for a few more years, it has been in 24hr operation as a APRS GATE since 1992 now (So has my TS-850S/AT!) and I do worry at times about how much longer it can survive.

Rich Garcia N2CZF
Jupiter Farms Florida
n2czf@magg.net
<http://www.magg.net/~n2czf/aprs.html>
<http://www.magg.net/~n2czf/index.html>

From WB9W0Z@aol.com Sun Dec 15 22:09:57 1996
Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA23435 for <aprssig@tapr.org>; Sun, 15 Dec 1996 22:09:55 -0600 (CST)
From: WB9W0Z@aol.com
Received: by emout08.mail.aol.com (8.6.12/8.6.12) id XAA22656 for aprssig@tapr.org; Sun, 15 Dec 1996 23:09:24 -0500
Date: Sun, 15 Dec 1996 23:09:24 -0500
Message-ID: <961215230923_809865154@emout08.mail.aol.com>
To: aprssig@tapr.org
Subject: MS band opening

Well, Meteor Scatter does work !!

On Friday night at the peak of the meteor shower, my station started to receive the following DX. ALL VIA VHF, AND MOST WITH ONLY 1 DIGI.

I am located 16 miles SW of Chicago.

Tennessee

W9KOC

N4PYI

KQ4TV

NT4L-1

WB0W00-1

WB8EYJ-3

WA4GKM-5

W3CO

N4QEA

Alabama

WA8INZ-7

N4XWC

N4NR-7

Georgia

N4NEQ-2

NE1H

KC4ZGQ

KD4DLT

KR4OL-2

KE4IXA-9

KF4XH-2

WB4QOJ-5

WB4VNT

W6PNC-7

NWSPTC

K04RQ

KD4DLT-7

Florida

WA4B

KE4OSB

So, the next time a meteor shower is due, you can bet I'll be ready for it.

Bruce Tobias

WB9W0Z

Northern Illinois APRS Network

From n2czf@magg.net Sun Dec 15 23:32:23 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA25800; Sun, 15 Dec 1996 23:32:22 -0600 (CST)

Received: from default (wpb-107.magg.net [205.218.112.107]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id AAA17401; Mon, 16 Dec 1996 00:32:20 -0500

Message-Id: <199612160532.AAA17401@grumpy.magg.net>

From: "Richard F. Garcia" <n2czf@magg.net>

To: <aprssig@tapr.org>

Cc: <wd5ivd@tapr.org>

Subject: Alternates to GATE TNC's

Date: Mon, 16 Dec 1996 00:25:47 -0500

X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

With all of this talk about the KAM being the only GATE type TNC on the market now how about a alternate to a dual port TNC, possibly even cheaper.

How difficult would it be to have Howie N2WX modify the standard TNC-2 clone code to allow two TNC-2 clones wired back to back act as a GATE. This will allow anyone with a few of these TNC's run a gate at a low cost and hold us over until there are more dual port GATE TNC's available again.

The clones are so cheap and plentiful that it may be a good idea even if we had more dual port choices. I often see these TNC's for sale at \$60 or so used and even new they can be had for \$119!

Rich Garcia N2CZF
Jupiter Farms Florida
n2czf@magg.net
<http://www.magg.net/~n2czf/aprs.html>
<http://www.magg.net/~n2czf/index.html>

From sdimse@bridge.net Mon Dec 16 02:58:36 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA10081 for <aprssig@tapr.org>; Mon, 16 Dec 1996 02:58:34 -0600 (CST)
Received: from [199.174.170.135] (ad30-135.compuserve.com [199.174.170.135]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id DAA25643 for <aprssig@tapr.org>; Mon, 16 Dec 1996 03:58:26 -0500 (EST)
Message-Id: <199612160858.DAA25643@newworld.bridge.net>
Subject: Re: [APRSSID:7311] MS band opening
Date: Mon, 16 Dec 96 03:58:42 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>So, the next time a meteor shower is due, you can bet I'll be ready for it.
>

There was also a big terrestrial band opening, which is where most if not all of these reports probably came from.

Steve K4HG

From snabkey@k8sn.org Mon Dec 16 05:22:58 1996
Received: from k8sn (root@[206.250.28.105]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA13835 for <aprssig@tapr.org>; Mon, 16 Dec 1996 05:22:54 -0600 (CST)

Received: from win95.k8sn.org ([192.168.0.15]) by k8sn (8.7.5/8.7.3) with SMTP id GAA01663 for <aprssig@tapr.org>; Mon, 16 Dec 1996 06:22:55 -0500
Message-Id: <199612161122.GAA01663@k8sn>
Comments: Authenticated sender is <k8sn@k8sn.org>
From: "Sam Nabkey, K8SN" <snabkey@k8sn.org>
To: aprssig@tapr.org
Date: Mon, 16 Dec 1996 06:22:55 +0000
Subject: Re: [APRSSIG:7297] Re: AEA demise.. TNC's
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42a)

On 15 Dec 96 at 16:43, schiers@ames.net wrote:

> I would buy from Gwyn in a second if he had the product. The
> only reason I hadn't mentioned PacComm was because they don't list,
> nor have I ever heard mentioned any dual port hf/vhf tncs, much less
> simultaneous operation.
>
> there is a vacuum in the market now, with only one vendor,
> Kantronics. I would much rather do business with Gwyn. They
> have been first rate with me, and I love their products.
>
> hasan schiers, NOAN
> -----
> schiers@ames.net
> -----
>

Don't forget REMOTE SYSOP stuff too. For those remote hilltop Stand Alone Weather Stations and DIGI's that require a new BT or something once in a while. This would also be handy for those Stand Alone Trackers that get away without the right BT to display a symbol during an event, had that before.

Of course that might not be in a Dualport model but maybe in the unit that has two Serial Ports.

that before.

Sam Nabkey - K8SN (at home)
Internet: snabkey@k8sn.org
amprnet: k8sn@w8dc.ampr.org
WWW: <http://www.k8sn.org>
AX.25: K8SN@W8DC.#SWMI.MI.USA.NOAM
Java APRS: <http://www.k8sn.org/javAPRS>
Fresh APRS Files: FTP <ftp.k8sn.org>

From jratchf@bulldog.afsc.k12.ar.us Mon Dec 16 06:53:20 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA16510 for <aprssig@tapr.org>; Mon, 16 Dec 1996

06:53:18 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id
GAA12838; Mon, 16 Dec 1996 06:53:16 -0600
Date: Mon, 16 Dec 1996 06:53:16 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7181] Re: Tripmate ext. antenna?
In-Reply-To: <32B184E9.9CC@concentric.net>
Message-ID: <Pine.LNX.3.91.961216065219.12803A-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a fiberglass top on the K-5 and a roll bar inside. I put my antenna
on top of the bar. NO PROBLEMS!!!

On Fri, 13 Dec 1996, William Nolle wrote:

```
> Steve Dimse wrote:
> >
> > >I've been following the mail about the tripmate and I am wondering if it
> > >is possible to modify it to use an external antenna. I don't quite like
> > >the idea of setting it on the dashboard for several reasons, especially
> > >because of its bright color. Please, I would like to find out before I
> > >go out and purchase one.
> > >
> >
> Why would anyone want a external antenna for the Tripmate, If so why not
> just glue some magnets on the bottom of the receiver and place it on top of
> the vehicle it looks like it's water tight. Personally with what testing I
> have done with the receiver on the dash works just great in fact much
> better then my Magellan ever did.
> --
>      \\\\\
>      (0 0)
>  *--o0-( )-0o--*
>  wa8inz@amsat.org
>  wa8inz@cris.com
>
```

From djv@gte.net Mon Dec 16 07:31:10 1996
Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA17655 for <aprssig@tapr.org>; Mon, 16 Dec 1996
07:31:09 -0600 (CST)
Received: from djv.gte.net (Cust126.Max16.Washington.DC.MS.UU.NET [153.34.56.254])
by smtp.gte.net (SMI-8.6/) via SMTP id HAA20348 for <aprssig@tapr.org>; Mon, 16
Dec 1996 07:31:07 -0600
Message-ID: <32B54DEE.73A0@gte.net>
Date: Mon, 16 Dec 1996 08:26:06 -0500
From: Daniel Velez <djv@gte.net>
Reply-To: djv@gte.net

X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Trip mate summary?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry, been out to sea for a month....came back and see all this stuff about a tripmate. Would someone please summarize what it is and what you've been trying to do with it?

Tnx,
--
Dan

|||||
Daniel Velez djv@gte.net
http://home1.gte.net/djv/index.htm
n4wzr@wd4miz.va.usa.noam
|||||

From jkerns@usit.net Mon Dec 16 07:49:50 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA18520 for <aprssig@tapr.org>; Mon, 16 Dec 1996 07:49:49 -0600 (CST)
Received: from LOCALNAME (bway-slip85.dynamic.usit.net [204.194.172.131]) by smtest.usit.net (8.7.5/8.6.12) with SMTP id IAA02937 for <aprssig@tapr.org>; Mon, 16 Dec 1996 08:57:21 -0500 (EST)
Date: Mon, 16 Dec 1996 08:57:21 -0500 (EST)
Message-Id: <199612161357.IAA02937@smtest.usit.net>
X-Sender: jkerns@pop.usit.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>
Subject: Re: [APRSSIG:7258] Any NE New Jersey APRS on VHF?

snip.....

>I will be in Morris, Bergen, and Passaic County for about 1 week but this
>time I will only be able to bring a HT and mag mount. Is it worth while for
>me to even bother ? I am trying to travel light due to the holiday mess at
>the airports!

>
>

>Rich Garcia N2CZF
>Jupiter Farms Florida
>n2czf@magg.net
><http://www.magg.net/~n2czf/aprs.html>
><http://www.magg.net/~n2czf/index.html>
>
>Hey, Rich, long time no talk. Happy holidays to all.

My TNC is shot so not on APRS till I get 232 fixed or get another one.

What makes you think anyone wants you back in NJ since you pulled out and deserted them?? (gg)

>
Jim Kerns
N4PUQ
jkerns@usit.net
Oliver Springs, Tn.
(just outside Oak Ridge where everyone glows in the dark!!)

From khufford@erols.com Mon Dec 16 08:04:11 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA18946 for <aprssig@tapr.org>; Mon, 16 Dec 1996 08:04:09 -0600 (CST)
Received: from khufford.dot.gov ([152.120.98.42]) by smtp1.erols.com (8.7.5/8.7.3) with ESMTP id JAA16159 for <aprssig@tapr.org>; Mon, 16 Dec 1996 09:04:07 -0500 (EST)
Message-Id: <199612161404.JAA16159@smtp1.erols.com>
From: "Kent Hufford" <khufford@erols.com>
To: <aprssig@tapr.org>
Subject: Cheap GARMIN 45 power/data Connectors
Date: Mon, 16 Dec 1996 09:09:41 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I was talking to BOB last nite about the expensive power/data connector for the GARMIN 45 series GPS receivers.

It's been awhile since anyone has posted the web site where a guy is making his own and also selling them for a "donation".

http://home.cdsnet.net/~purple/projects/g45contr/g45_idx.htm

He has a big form press, so he turns them out by the 1000s. He even has the little pins for the connector. So if you have a GARMIN 45 or a GARMIN that uses the same 4 pin keyed round connector, check out the web page.

Kent V Hufford
KQ4KK
khufford@erols.com

From schiers@ames.net Mon Dec 16 09:01:26 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA20752 for <aprssig@tapr.org>; Mon, 16 Dec 1996 09:01:24 -0600 (CST)
From: schiers@ames.net

Received: from HASAN (schiers.ames.net [206.29.126.237]) by brain.ames.net (8.6.12/8.6.9) with SMTP id JAA01651 for <aprssig@tapr.org>; Mon, 16 Dec 1996 09:00:06 -0600

Message-Id: <199612161500.JAA01651@brain.ames.net>

Date: Mon, 16 Dec 96 08:59:49 -0600

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7312] Alternates to GATE TNC's

In-Reply-To: <199612160532.AAA17401@grumpy.magg.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612160532.AAA17401@grumpy.magg.net>, on 12/15/96 at 11:33 PM,
"Richard F. Garcia" <n2czf@magg.net> said:

>The clones are so cheap and plentiful that it may be a good idea even if
>we had more dual port choices. I often see these TNC's for sale at \$60 or
>so used and even new they can be had for \$119!

This does not address the hardware problem. The VHF tnc's that are kludged to run on hf use the SAME PLL demodulators whose performance stinks on hf. So there is no advantage at all to having two tnc's, if the 2nd one that is to run on hf doesn't work worth a darn.

I put a long ranting post on about the issue earlier this weekend. If the issues raised in it are not addressed (hardware issues), then there is nothing to discuss and no progress has been made.

hasan schiers, NOAN--

schiers@ames.net

From schiers@ames.net Mon Dec 16 09:18:54 1996

Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA21960 for <aprssig@tapr.org>; Mon, 16 Dec 1996 09:18:53 -0600 (CST)

From: schiers@ames.net

Received: from HASAN (schiers.ames.net [206.29.126.237]) by brain.ames.net (8.6.12/8.6.9) with SMTP id JAA01929 for <aprssig@tapr.org>; Mon, 16 Dec 1996 09:17:35 -0600

Message-Id: <199612161517.JAA01929@brain.ames.net>

Date: Mon, 16 Dec 96 09:17:01 -0600

To: aprssig@tapr.org

Subject: WinAPRS 117 & Dates

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

I have seen this mentioned somewhere briefly before, and thought i would confirm it. The current version has a bug in the dating of messages among other things. I see Dec 31'st on all the messages received or was it on the tracking screen...one of them at least.

I think I saw at least two other posts regarding this, so mine is just a

confirmation that it is happening here too.

Win95, 32mb, P133, WinAPRS 117

hasan schiers, NOAN--

schiers@ames.net

From sproul@ap.org Mon Dec 16 09:19:23 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id JAA21990 for <aprssig@tapr.org>; Mon, 16 Dec 1996 09:19:21 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id KAA06523; Mon, 16 Dec 1996 10:12:54 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007803aedb16a485cd@[165.1.27.20]>
In-Reply-To: <9921@ko6xs.ampr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Dec 1996 10:17:33 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Date bug in WinAPRS
Cc: ko6xs@ko6xs.ampr.org, garnold@naples.net, jerryr49@magg.net

>For some reason, The messages I'm receiving in WinAPRS are all displayed in
>the message list window with the date of 12/31, even though the computer
>clock has the right date. I even tried clearing message logs and restarting
>WinAPRS. Any ideas about fixing this would be appreciated.
>

WinAPRS has a serious bug in the conversion from internal date/time
representation to actual displayed date. The first appear a couple of
months ago but ONLY on the last day of the month. Now that we are in the
last month of the year, the rest of the bug showed up.

I now have it fixed COMPLETELY and it will be in the next release.

Mark

Mark Sproul | Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org | Work: 609-860-7120
North Brunswick, NJ | Fax: 609-860-7129
<http://msproul.rutgers.edu/>

From gbaumgartner@mail.cybg.com Mon Dec 16 10:02:37 1996
Received: from qjr (qjr.cybg.com [199.227.69.66]) by tapr.org (8.7.5/8.7.3/1.9)

with SMTP id KAA23450 for <aprssig@tapr.org>; Mon, 16 Dec 1996 10:02:34 -0600 (CST)

From: gbaumgartner@mail.cybg.com

Message-Id: <9612161602.AA02126@mail.cybg.com>

Subject: \$GPRMC Sentence

To: aprssig@tapr.org

Date: Mon, 16 Dec 1996 16:02:29 +0000 (GMT)

In-Reply-To: <199612132323.RAA01553@mail.cybg.com> from "aprssig@tapr.org" at Dec 13, 96 05:26:52 pm

Reply-To: Gerry.Baumgartner@mail.cybg.com

X-Mailer: ELM [version 2.4 PL24]

Content-Type: text

William B. Bliss (bbliss@juno.com) writes:

```
> Hi SIGgers,
>     Additional breakdown of RMC SENTENCE
>
> Attn: GPS users...                               Filed: 170500GMT MAR
> 96
>     Following protocol from Motorola Tech Support. May be of interest to
> APRS GPS MOBILE fans, posted several times past two years..
>
> $GPRMC PROTOCOL, RMC GPS Message. Gives Time, Position, Course/Speed.
> Best for APRS use, plots your mobile unit as you move, for all to see on
> their maps.
>      1      2 3      4 5      6 7      8      9      10 11 12
> $GPRMC,xxxxxx,A,xxxx.xx,N,xxxxxx.xx,W,xx.xx,xxx.,xxxxxx,xx.,E*xx<CR><LF>
>
>  No.   Field                               Units/Range
>  1     Time, UTC                           Hours, Minutes, Seconds/
>  2     Status                               A=Valid, V= Invalid
>  3     Latitude                             Degrees, Minutes and Hundredths/
>                                           00-90,    00-59,    00-99
>  4     Direction                             N= North, S = South,
>  5     Longitude                             Degrees, Minutes and Hundredths/
>                                           00-180,   00-59,    00-99,
>  6     Direction                             E = East,  W = West
>  7     Speed over ground                     Knots/ 00.0 - 99.9
>  8     Course over ground                    Degrees in referenced to True North/
>                                           000-999 (000-359)
>  9     Date                                 Day,      Month,    Year/
>                                           00-31,   00-12,    00-99/
>  10    Variation                             Degrees/ 00-99
>  11    Variation sense                       E = East,  W = West
>  12    Mandatory Checksum                   Hex - 7F
>
> The above protocol data is as sent on a single Packet UI fram, like so:
>
> WB6LPG-9
> $GPRMC,095302,A,3727.39,N,12226.29,W,04.58,160.14,021094,15.45,E*4E
>
```

> It is received as a plot/fix on you APRS Map as a Car&Call and heading
> line/flag, in the correct position and in your Position Log as foll:
>
> WB6LPG 021094z020953/3727.39N/12226.29W>160/1.4/raw*/RMC Fix

Does no one see anything wrong with this? The course in the NMEA sentence is indicated as 160.14. In the APRS log, it's 160. So far so good.

But the speed in the NMEA sentence is 04.58 but in the APRS log it's 1.4. 1.4 looks like the fractional part of the course with the decimal point shifted.

Perhaps a bug in dosAPRS?

On another note, the GPS's we're using in the Civil Air Patrol in Illinois (I'm not sure of the model number, but it's a Motorola with no display) output a time stamp of the format hhmmss.ss, and the speed is of the format xxx.x (only one place after the decimal point and the whole numbers are not 0 padded to the left.

Perhaps the format given above is NMEA 1.5? Can dosAPRS handle both?

--

Gerry Baumgartner
Gerry.Baumgartner@mail.cybg.com

From sproul@ap.org Mon Dec 16 10:06:21 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA23881 for <aprssig@tapr.org>; Mon, 16 Dec 1996 10:06:20 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id KAA08932; Mon, 16 Dec 1996 10:59:58 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780aaedb228f5292@[165.1.27.20]>
In-Reply-To: <199612141535.KAA00102@grumpy.magg.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Dec 1996 11:00:28 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSID:7258] Any NE New Jersey APRS on VHF?

>I am planing a trip back to New Jersey in a couple of weeks, is there any
>activity up there yet. I have not been up there in 18 months and at that
>time I got occasional coverage running 50 watts.
>
>I will be in Morris, Bergen, and Passaic County for about 1 week but this

>time I will only be able to bring a HT and mag mount. Is it worth while for
>me to even bother ? I am trying to travel light due to the holiday mess at
>the airports!

>
>

Rich

Naw, there aint much up hear, I only get about 200 stations in about 3
hours show up on my screen. Thats not very much now is it. After running
a week, I had only 360 stations.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bruninga@nadm.navy.mil Mon Dec 16 10:21:47 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA24748 for <aprssig@tapr.org>; Mon, 16
Dec 1996 10:21:45 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id LAA21972 for <aprssig@tapr.org>; Mon, 16 Dec 1996
11:27:02 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Dec 1996 11:27:02 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7311] MS band opening
In-Reply-To: <961215230923_809865154@emout08.mail.aol.com>
Message-ID: <Pine.GS0.3.95.961216112502.21169B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you make a MS report, it would be so nice if you trimmed out all the
non MS stations, and then just included the lines from your BACKUP file so
that we all could load it and see what you saw... It wouldnt take any
more lines of data...

On Sun, 15 Dec 1996 WB9WOZ@aol.com wrote:

> Well, Meteor Scatter does work !!
> On Friday night at the peak of the meteor shower, my station started to

> receive the following DX. ALL VIA VHF, AND MOST WITH ONLY 1 DIGI.
> I am located 16 miles SW of Chicago.
>
> Tennessee
> W9KOC
> N4PYI
> KQ4TV
> NT4L-1
> WB0W00-1
> WB8EYJ-3
> WA4GKM-5
> W3CO
> N4QEA
>
> Alabama
> WA8INZ-7
> N4XWC
> N4NR-7
>
> Georgia
> N4NEQ-2
> NE1H
> KC4ZGQ
> KD4DLT
> KR4OL-2
> KE4IXA-9
> KF4XH-2
> WB4QOJ-5
> WB4VNT
> W6PNC-7
> NWSPTC
> K04RQ
> KD4DLT-7
>
> Florida
> WA4B
> KE4OSB
>
>
> So, the next time a meteor shower is due, you can bet I'll be ready for it.
>
> Bruce Tobias
> WB9W0Z
> Northern Illinois APRS Network

From zoom@willow.sps.mot.com Mon Dec 16 10:30:14 1996

Received: from spsem02.sps.mot.com ([192.70.231.5]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id KAA25064 for <aprssig@tapr.org>; Mon, 16 Dec 1996 10:30:13 -0600
(CST)

Received: from mogate.sps.mot.com by spsem02.sps.mot.com (4.1/SMI-4.1/Email 2.1
10/25/93)

id AA21292 for aprssig@tapr.org; Mon, 16 Dec 96 08:54:50 MST

Received: from emailchd (emailchd.sps.mot.com) by mogate.sps.mot.com (4.1/SMI-4.1/

Email-2.0)

id AA16167 for aprssig@tapr.org; Mon, 16 Dec 96 08:54:49 MST
Received: by willow.sps.mot.com (4.1/SMI-4.1)
id AA07234; Mon, 16 Dec 96 08:48:22 MST
Date: Mon, 16 Dec 1996 08:48:22 -0700 (MST)
From: Chris Terwilliger <zoom@willow.sps.mot.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7271] Re: Gateway TNC after AEA Demise?
In-Reply-To: <32B35BA6.5160@ix.netcom.com>
Message-Id: <Pine.SUN.3.91.961216084712.7222D-100000@willow>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> "Ever wonder why the JA's are not in the TNC business..?"

Here's another one:

Why hasn't Radio Shack entered the TNC and/or GPS arena??
Not enough profit margin I guess...

Chris

From bruninga@nadn.navy.mil Mon Dec 16 11:03:48 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA26448 for <aprssig@tapr.org>; Mon, 16
Dec 1996 11:03:46 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id MAA28444 for <aprssig@tapr.org>; Mon, 16 Dec 1996
12:09:04 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Dec 1996 12:09:04 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7322] \$GPRMC Sentence
In-Reply-To: <9612161602.AA02126@mail.cybg.com>
Message-ID: <Pine.GS0.3.95.961216120646.21169I-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Dec 1996 gbaumgartner@mail.cybg.com wrote:

> > \$GPRMC,095302,A,3727.39,N,12226.29,W,04.58,160.14,021094,15.45,E*4E
> >
> > It is received as a plot/fix on you APRS Map as a Car&Call and heading
> > line/flag, in the correct position and in your Position Log as foll:
> >
> > WB6LPG 021094z020953/3727.39N/12226.29W>160/1.4/raw*/RMC Fix
>
> But the speed in the NMEA sentence is 04.58 but in the APRS log it's 1.4.
> 1.4 looks like the fractional part of the course with the decimal point
> shifted. Perhaps a bug in dosAPRS?
>

APRsdos REPLY/COMMENT: Good point. Ill check...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From hammock@wired.jpl.nasa.gov Mon Dec 16 11:27:16 1996

Received: from wired.jpl.nasa.gov (wired.jpl.nasa.gov [128.149.72.59]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA27160 for <aprssig@tapr.org>; Mon, 16 Dec 1996 11:27:14 -0600 (CST)

Received: from wired by wired.jpl.nasa.gov via SMTP (940816.SGI.8.6.9/940406.SGI.AUT0)

for <aprssig@tapr.org> id KAA05465; Mon, 16 Dec 1996 10:57:26 -0800

Sender: hammock@wired.jpl.nasa.gov

Message-ID: <32B59B95.41C6@wired.jpl.nasa.gov>

Date: Mon, 16 Dec 1996 10:57:25 -0800

From: Randy Hammock <hammock@wired.jpl.nasa.gov>

Organization: Galileo DMT 3910

X-Mailer: Mozilla 3.0Gold (X11; I; IRIX 5.3 IP20)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7299] Re: Tripmate & KPC-3

References: <32B4882E.45E8@gte.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Demos Doulou wrote:

> To run stand alone, install r48 in the kpc3 to force the dtr line high
> (this turns the tripmate on).

>

> set GPSINT to ASTRAL

>

> use a null modem adapter to connect the tripmate to the kpc3.

>

> Works fine.

I have been trying this. I installed R48 and set GPSINIT to ASTRAL; however, I am having problems with the KPC-3 sending the ASTRAL to the Tripmate before it is ready to receive it. Hence, the Tripmate never sees the ASTRAL from the KPC-3 and just sit there sending it's own ASTRAL message. This has been verified by looking at the lights of a breakout box connected between the Tripmate and KPC-3.

Sequence of events:

Press power button on KPC-3.

See handshale light come on.

See short data burst from KPC-3.

Pause.

See long then short data burst from Tripmate followed by continuous short bursts.

After while, briefly short pins 2 & 3.

Start seeing long burts from Tripmate.

I even loaded GPSINIT with ASTRAL<ctrl-n>ASTRAL<ctrl-n>... upto the 128 character limit, hoping that one of them would get caught by the Tripmate. For those wonder what the <ctrl-n> is for, this allows multiple command to be place into a single command line. When the GPSINIT text is transmitted, the <ctrl-n> get sconverted into <CR><LF>.

I either need to get DTR to Tripmate sooner or get KPC-3 to boot-up slower.

--

Randy Hammock	KC6HUR	| Jet Propulsion Laboratory
mailto:hammock@wired.jpl.nasa.gov		| M/S: 264-580
Voice: +1-818-393-1214		| 4800 Oak Grove Drive
Pager: +1-818-423-2062		| PASADENA CA 91109

From aa0mm@cjnetworks.com Mon Dec 16 12:06:51 1996

Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28839 for <aprssig@tapr.org>; Mon, 16 Dec 1996 12:06:50 -0600 (CST)

Received: from LOCALNAME (Port136.cjnetworks.com [206.52.159.158]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id MAA14534 for <aprssig@tapr.org>; Mon, 16 Dec 1996 12:06:05 -0600 (CST)

Message-ID: <32B5A902.1FE7@cjnetworks.com>

Date: Mon, 16 Dec 1996 11:54:42 -0800

From: Ross McClain <aa0mm@cjnetworks.com>

Reply-To: aa0mm@cjnetworks.com

X-Mailer: Mozilla 3.01Gold (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7227] Re: Gateway TNC after AEA Demise?

References: <199612132323.RAA01553@brain.ames.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

schiers@ames.net wrote:

>

> In <199612132031.PAA03262@unix.asb.com>, on 12/13/96 at 02:13 PM,

> bob <w2g3zxfj@unix.asb.com> said:

>

> >I used a PK232 initially but for the last 3 years of GATE operation I
> >have used the Kantronics KAM Plus with both dosAPRS and for the last 6
> >months with winAPRS with no problems. Works fine.

>

> Now that is a novel thought! How can the 232, which doesn't support dual
> port (simultaneous) operation be used as a dual port gateway tnc? I have
> one sitting here with the latest firmware and I see no indication that it
> has any prayer of working in that mode.

>

> Thanks so much for your 2nd comments about the Kam +...that is exactly the
> kind of info I was looking for: "I have one, I use it the way you intend
> with the software you are going to use and it works." I couldn't have
> asked for more. At least now I know when the 2232 craps out and it can't
> be fixed, (also knowing it will no longer be supported), I can go get a
> KAM + and be happy. I hope the KAM + is a good performer.

>
> Actually, it is a bit of a joke to say AEA ever supported the 2232. They
> misrepresented its development from the first day. Made excuses, blamed
> others and promised the moon. They delivered on very little, except some
> very minor prom upgrades. They blew it. A marvelous dsp engine is inside
> that thing and they botched it.
>
> If I seem bitter...I am. 1 kilobuck in the toilet.
>
> I would be very interested to hear about the KAM + performance on hf and
> any other feedback about using it in gateway dual port mode with WinAPRS.
>
> 73,
>
> hasan schiers, NOAN
> -----
> schiers@ames.net
> -----

Go to Kantronics.com and ask them direct!

From aa0mm@cjnetworks.com Mon Dec 16 12:06:58 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28857 for <aprssig@tapr.org>; Mon, 16
Dec 1996 12:06:56 -0600 (CST)
Received: from LOCALNAME (Port136.cjnetworks.com [206.52.159.158]) by
topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id MAA14546 for <aprssig@tapr.org>;
Mon, 16 Dec 1996 12:06:11 -0600 (CST)
Message-ID: <32B5ABEB.639@cjnetworks.com>
Date: Mon, 16 Dec 1996 12:07:07 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7229] Re: Gateway TNC after AEA Demise?
References: <32B1EEBA.305B@ix.netcom.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

kb6lfm wrote:

>
> Richard F. Garcia wrote:
> >
> > You must have been lucky, my army of TNC's include two KAM's and I will
> > never purchase another Kantronics product again! I have found their tech
> > support to be very poor, mostly that they will not even want to listen to
> > what needs to be fixed but also just plain old support.
> >
> > -----
> > > From: Ross McClain <aa0mm@cjnetworks.com>
> > > To: aprssig@tapr.org

> > > > -----
> > > Check out kantronics.com when you get some time. I think they have what
> > > you are looking for. I have never used an AEA, so can not advise you on
> > > features specific. However, the Kantronics line is a fine TNC, and they
> > > have EXCELLANT TECH SUPPORT!
> > >
>
> Kantronics has Excellent Tech Support! The KAM+ is (in my opinion) one
> of the best Multi-mode TNC's available. Must confess that I don't care
> for there software. I have 3 KPC-3's and 2 KAM's. I bought one of the
> very first KPC-3's and a KAM's to hit the market. Over the years, I have
> up-graded both of them as the up-upgrades became available. They (both)
> are performing as you would expect a new current version to perform.
>
> The firmware/hardware chips in the up-upgrades were easily installed, and
> have performed flawlessly...! For my money, Kantronics TNC's are
> peerless.
>
> GL.
>
> Bill KB6LFM
> West Coast APRS Gateway Station in SFO

Well that is a vote of confidance for the old Kansas Company.

I have not used their Host Master.

The other software that comes with the unit is both Good and Bad.

Good: You can run packet on an old piece of JUNK. (we have
lots-a-lightning here in Ks, and for most of us, a somewhat restricted
family budjet for purchasing computers!)

Bad: It is not pretty to look at!

Yes, they do have PLAIN TECH SUPPORT. But you know how us Kansan's are.

Having fun at Holton, Kansas (Thats about 40 Miles from the KAM HQ in
Lawrence, KS.)

De AAÿMM Ross (And they said you couldn't make a "ÿ" in windows either!)

From aa0mm@cjnetworks.com Mon Dec 16 12:30:37 1996

Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA29730 for <aprssig@tapr.org>; Mon, 16
Dec 1996 12:30:36 -0600 (CST)

Received: from LOCALNAME (Port136.cjnetworks.com [206.52.159.158]) by
topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id MAA16559 for <aprssig@tapr.org>;
Mon, 16 Dec 1996 12:29:51 -0600 (CST)

Message-ID: <32B5B16F.7CE6@cjnetworks.com>

Date: Mon, 16 Dec 1996 12:30:39 -0800

From: Ross McClain <aa0mm@cjnetworks.com>

Reply-To: aa0mm@cjnetworks.com

X-Mailer: Mozilla 3.01Gold (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7271] Re: Gateway TNC after AEA Demise?

References: <32B35BA6.5160@ix.netcom.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

kb6lfm wrote:

>
> Mark Fellhauer wrote:
> >
> > At 06:09 PM 12/13/96 -0600, kb6lfm wrote:
> > >
> > > Kantronics has Excellent Tech Support!
> >
> > Excuse me!? Did you really type that? Kantronics with excellent tech
> > support? C'mon, I called them with some basic questions about the GPS
> > upgrade for the KPC-3 and I knew more about GPS than the person answering
> > the phone and they would not let me speak to any one responsible for the
> > firmware or design of their hardware!
> >
> > Ditto for the 9612 paging upgrade.
> >
> > That's lousy tech support!
> >
> > Mark Fellhauer
> > KC7BXS
>
> KB6LFM WRITES:
>
> Yup...! I wrote that..., It was me...!
>
> SRI to hear that you had to call Kantronics with some basic questions
> about up-grading your KPC-3 to the GPS Ver 6.0. When I up-graded my
> KPC-3, all I had to do was replace 1 plug-in IC chip, and do a hard
> reset. The documentation that came with the up-grade was very easy to
> understand (even for a longshoreman... Hi.!) The point is; in my
> opinion, and for my money, Kantronics is hard to beat. They are user
> friendly, competitively priced, still in business.....! The only time
> that I have needed their "Tech Support" was when I wanted to hook-up my
> KAM+ to a scope. I spoke with Don Rixon, who not only told me how to do
> it over the phone, he also FAXED me a copy of the components location
> with the modification penciled in. How can I bi*#h about that...!
>
> Here is one for the SIG
>
> "Ever wonder why the JA's are not in the TNC business..?"
>
> 73. Bill KB6LFM
>
> West Coast Gateway Station in SFO
I thought I wrote it?
Oh well,,, DITTO'S.

From cap@cruzio.com Mon Dec 16 13:32:16 1996

Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA02068 for <aprssig@tapr.org>; Mon, 16 Dec 1996
13:32:11 -0600 (CST)

Received: from surf127.cruzio.com by bbs.cruzio.com id aa01386;
16 Dec 96 11:19 PST
Message-ID: <32B5A2E4.4BCC@cruzio.com>
Date: Mon, 16 Dec 1996 11:28:36 -0800
From: Cap Pennell <cap@cruzio.com>
X-Mailer: Mozilla 3.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6570] APRS/Java ..
References: <19961119.131039.2431.1.bb1iss@juno.com> <3297FD60.251C@cruzio.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<SNIP>

Netscape announced a beta version of Netscape Navigator 3.01 with Java support for Windows 3.1 on December 16. See: <http://home.netscape.com/>
73. Cap

--

Cap Pennell
Santa Cruz, CA, 95062-1002 3658.92N/12200.88W
email: cap@cruzio.com homepage: <http://members.cruzio.com/~cap>
packet radio: KE6AFE@kg6ee.#cca.ca.usa.noam

From kc5ejk@onramp.net Mon Dec 16 13:38:10 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA02425 for <aprssig@tapr.org>; Mon, 16 Dec 1996 13:38:08 -0600 (CST)
Received: from [199.1.11.114] (dal14.onramp.net [199.1.11.114]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id NAA14370 for <aprssig@tapr.org>; Mon, 16 Dec 1996 13:38:04 -0600 (CST)
Message-Id: <v03007800aedb54ce7499@[199.1.11.123]>
In-Reply-To: <32B59B95.41C6@wired.jpl.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Dec 1996 13:38:16 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7327] Re: Tripmate & KCP-3

>I have been trying this. I installed R48 and set GPSINIT to ASTRAL;
>however, I am having problems with the KPC-3 sending the ASTRAL to the
>Tripmate before it is ready to receive it.

Why not just forget the GPSinit string and tie the Tripmate
pin 2 to pin 3 and let it self init.

Then only use the Tripmate GPS output pin to the TNC.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From gwyn@paccomm.com Mon Dec 16 14:02:15 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA03157 for <aprssig@tapr.org>; Mon, 16 Dec 1996
14:02:13 -0600 (CST)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vZjEs-000FSAC; Mon, 16 Dec 96 15:02 EST
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBEB62.1F767580@gwyn.paccomm.com>; Mon, 16 Dec 1996 15:02:15 -0500
Message-ID: <01BBEB62.1F767580@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: RE: [APRSSIG:7301] Re: HAcking the Tripmate
Date: Mon, 16 Dec 1996 15:02:12 -0500
Encoding: 26 TEXT

PacComm is a dealer for the Jupiter OEM boards, in case anyone wants the 'big brother.'

Gwyn, W1BEL

From: Eric A. Cottrell[SMTP:eac@shore.net]
Sent: Sunday, December 15, 1996 12:33 PM
To: aprssig@tapr.org
Subject: [APRSSIG:7301] Re: HAcking the Tripmate

Hello,

But hacking is half the fun!

Actually if someone wants all that stuff the "Jupiter" board that is the tripmate's big brother can be bought for about \$220.

It is 5 volts DC power only and has 1 PPS output, antenna power input. external antenna connection, DGPS input and the lot.

It is just a PC board with connector. You furnish the dc power regulator. antenna, MAXUM RS-232 chip, and case.

73 Eric eac@shore.net

From sdimse@bridge.net Mon Dec 16 15:46:32 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA06769 for <aprssig@tapr.org>; Mon, 16 Dec 1996 15:46:29 -0600 (CST)
Received: from [199.174.173.110] (dd16-110.compuserve.com [199.174.173.110]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id QAA25162 for <aprssig@tapr.org>; Mon, 16 Dec 1996 16:46:13 -0500 (EST)
Message-Id: <199612162146.QAA25162@newworld.bridge.net>
Subject: Re: [APRSSIG:7331] Re: APRS/Java ..
Date: Mon, 16 Dec 96 16:46:27 -0500

x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Netscape announced a beta version of Netscape Navigator 3.01 with Java
>support for Windows 3.1 on December 16. See: <http://home.netscape.com/>

If someone tries javAPRS with this, please let me know either way. My hopes aren't too high, javAPRS and first betas of Netscape have a poor track record...

Steve K4HG

From lmkeeran@rs6000.cmp.ilstu.edu Mon Dec 16 16:23:44 1996
Received: from rs6000.cmp.ilstu.edu (root@rs6000.cmp.ilstu.edu [138.87.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA08778 for <aprssig@tapr.org>; Mon, 16 Dec 1996 16:23:42 -0600 (CST)
Received: from i0517009.adm.ilstu.edu by rs6000.cmp.ilstu.edu (AIX 4.1/UCB 5.64/4.03)

id AA73848; Mon, 16 Dec 1996 16:22:47 -0600
Date: Mon, 16 Dec 1996 16:22:47 -0600
Message-Id: <v03007801aedb27fa5734@[138.87.2.109]>
In-Reply-To: <v03007803aedb16a485cd@[165.1.27.20]>
References: <9921@ko6xs.ampr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
Subject: North American Digital System Directory

North American Digital System Directory

The Tucson Amateur Packet Radio Corporation (TAPR), with the support of the American Radio Relay League (ARRL), will begin providing at the TAPR Internet site the information on digital systems that until now has been printed in the annual ARRL Repeater Directory. Information on digital systems will not be published in the 1997-98 edition of the Repeater Directory, permitting the publication to better focus on its primary use as a guide to voice repeaters for traveling Amateurs.

In planning the 1997-98 edition, the ARRL concluded that the Repeater Directory was no longer the most effective medium for this information. Discussions involving various regional digital groups that provide data to the digital section of the Repeater Directory led to the conclusion that TAPR was the logical group to take on the task of a new North American Digital System Directory.

This new database system will describe systems used by amateur radio stations involved in digital communications in the United States, Canada, and Mexico. The Digital System Directory will be based on information provided

Subject: HF QRP
Message-ID: <Pine.GS0.3.95.961216183605.19806A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, if anyone wants to hear a VY weak signal, try to digi off of W3ADO on HF in Annapolis. It's an MFJ QRP CW rig running 4 watts into 150 feet of coax and an MFJ antenna tuner. It will probably drift too, so good luck!

FSK mods were one jumper and a 22k resistor driven from the FSK output of my KAM. It uses the RIT knob for adjusting shift.

Now all I gotta do is order a VFO xtal.

Receiver sens is down a few DB compared to my Kenwood.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From gphowell@mindspring.com Mon Dec 16 17:57:10 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA13913 for <aprssig@tapr.org>; Mon, 16 Dec 1996 17:57:08 -0600 (CST)
From: gphowell@mindspring.com
Received: from MYHOSTNAME (ip198.richmond2.va.interramp.com [38.12.24.198]) by mule0.mindspring.com (8.8.2/8.7.3) with SMTP id XAA179554 for <aprssig@tapr.org>; Mon, 16 Dec 1996 23:57:04 GMT
Message-Id: <199612162357.XAA179554@mule0.mindspring.com>
Date: Mon, 16 Dec 96 23:48:59 -0500
To: aprssig@tapr.org
Subject: dfJr multi port/gps/aprs77e -- working for anyone?
In-Reply-To: <32B3018E.7143@wtp.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

Yesterday our local club planned a T-hunt and since I had carefully introduced enough cockpit error into the last one so that nothing really worked well, I started Saturday on this one. Setup: dfJr to multiport adapter, GPS-45 to multi port adapter, PICO to multiport adapter and adapter to Toshiba laptop. I was unable to get dos version 77E to acknowledge or use the GPS posits coming in no matter how I set things up.

Tried SPM with no TNC, SPM with TNC, HSP with PICO -- GPS still connected to multiport adapter, nothing worked. It appeared that posit reports as well as DF bearings were sent to the serial port, and the program did parse the df bearings and display them on the screen, but never would it change the initial position that I entered. At one point the program was telling me that it was not getting a position report therefore it was not displaying a bearing. I did see NMEA sentences scrolling across the bottom of the screen and lat/long was changing but was ignored.

(I DID remember to use the correct registration numbers this time unlike the last time...)

Any ideas on what I am doing wrong? The only thing I didn't try was connected the GPS to the second serial port on the PICO and try HSP, but I suspect that wouldn't have worked either since I don't think the multiport adapter does HSP. Grrrr. Help appreciated, Bob says he doesn't know either since he hasn't run this configuration.

Thanks!

Geep Howell WA4RTS
gphowell@mindspring.com

From ke4sop@netwide.net Mon Dec 16 18:31:54 1996
Received: from naples.netwide.net (naples.netwide.net [206.103.128.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA15624 for <aprssig@tapr.org>; Mon, 16 Dec 1996 18:31:50 -0600 (CST)
Received: from Ed.mci2000.com ([206.103.128.161]) by naples.netwide.net (post.office MTA v2.0 0813 ID# 0-12029) with SMTP id AAA181 for <aprssig@tapr.org>; Mon, 16 Dec 1996 19:31:07 -0500
Message-ID: <32B5E9AD.6C89@netwide.net>
Date: Mon, 16 Dec 1996 19:30:37 -0500
From: ke4sop@netwide.net (Ed Unrein)
X-Mailer: Mozilla 3.01Gold (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: [Re: [APRSSIG:7153] QRZ Index File]
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Return-Path: <N2ZRC@gnn.com>
Received: from mail-e2b.gnn.com ([204.148.102.170]) by naples.netwide.net (post.office MTA v2.0 0813 ID# 0-12029) with ESMTP id AAA85 for <ke4sop@netwide.net>; Thu, 12 Dec 1996 13:01:18 -0500
Received: from 68-189.client.gnn.com. (68-189.client.gnn.com [205.188.68.189]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id NAA21802 for <ke4sop@netwide.net>; Thu, 12 Dec 1996 13:01:48 -0500 (EST)
Message-Id: <199612121801.NAA21802@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 12 Dec 1996 13:01:39
From: N2ZRC@gnn.com (Arte Booten)
To: ke4sop@netwide.net
Subject: Re: [APRSSIG:7153] QRZ Index File

Hi Ed,

On Thu, 12 Dec 1996 you asked:

>Does someone know the file name and the URL of where I can obtain the QRZ index
file
>for WINAPRS?

According to the DOCs for WinAPRS 1.17, QRZ ought to work. I set it up on my
machine (I'm using QRZ ver 7) and it doesn't. At least, not for me. Let's see
what

The Brothers Sproul have to say though. 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From amirault@laraby.tiac.net Mon Dec 16 18:46:12 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA16527 for <aprssig@tapr.org>; Mon, 16 Dec 1996
18:46:10 -0600 (CST)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.2/8.6.6.Beta9) id
TAA02179; Mon, 16 Dec 1996 19:47:06 -0500 (EST)
Date: Mon, 16 Dec 1996 19:47:06 -0500 (EST)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7325] Re: Gateway TNC after AEA Demise?
In-Reply-To: <Pine.SUN.3.91.961216084712.7222D-1000000@willow>
Message-ID: <Pine.BSF.3.91.961216194616.2000B-1000000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Dec 1996, Chris Terwilliger wrote:

>
> Why hasn't Radio Shack entered the TNC and/or GPS arena??
> Not enough profit margin I guess...

Give them time ...

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From jagrelo@cris.com Mon Dec 16 19:14:19 1996
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA18229 for <aprssig@tapr.org>; Mon, 16 Dec 1996
19:14:18 -0600 (CST)
Received: from crc3.pop3.net (cnc059043.concentric.net [206.83.77.43])
by cliff.cris.com (8.8.3/(96/11/08 1.11))
id UAA20298; Mon, 16 Dec 1996 20:14:15 -0500 (EST)

[1-800-745-2747 The Concentric Network]

Errors-To: <jagrelo@cris.com>

Message-ID: <32B61F70.9B3@cris.com>

Date: Mon, 16 Dec 1996 20:20:01 -0800

From: Joe Agrelo <jagrelo@cris.com>

Reply-To: jagrelo@cris.com

Organization: Agrelo Engineering

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7337] dfJr multi port/gps/aprs77e -- working for anyone?

References: <199612162357.XAA179554@mule0.mindspring.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

gphowell@mindspring.com wrote:

>
> Yesterday our local club planned a T-hunt and since I had carefully
> introduced enough cockpit error into the last one so that nothing really
> worked well, I started Saturday on this one. Setup: dfJr to multiport
> adapter, GPS-45 to multi port adapter, PICO to multiport adapter and
> adapter to Toshiba laptop. I was unable to get dos version 77E to
> acknowledge or use the GPS posits coming in no matter how I set things up.
>
> Tried SPM with no TNC, SPM with TNC, HSP with PICO -- GPS still connected
> to multiport adapter, nothing worked. It appeared that posit reports as
> well as DF bearings were sent to the serial port, and the program did
> parse the df bearings and display them on the screen, but never would it
> change the initial position that I entered. At one point the program was
> telling me that it was not getting a position report therefore it was not
> displaying a bearing. I did see NMEA sentences scrolling across the
> bottom of the screen and lat/long was changing but was ignored.
>
> (I DID remember to use the correct registration numbers this time unlike
> the last time...)
>
> Any ideas on what I am doing wrong? The only thing I didn't try was
> connected the GPS to the second serial port on the PICO and try HSP, but I
> suspect that wouldn't have worked either since I don't think the multiport
> adapter does HSP. Grrrr. Help appreciated, Bob says he doesn't know
> either since he hasn't run this configuration.

Geep,

I only ran this combination once with DOS APRS to verify it was all
working.

It's been a while but I did follow the instructions from Bob's
readme/df.txt file.

and it worked just fine.

Clip!-----
AUTOMATIC INTERFACE TO THE AGRELO DFjunior:

The multi-port adapter combines your TNC, DFjr and GPS data all into the same PC COMM port. Using this adapter, configure APRS for one port TNC operation (even if you are not using packet), then use alt-SETUP-DF menu to select the DFjr. This tells APRS to watch for DF data on the TNC comm port. Then select the GPS-SPM mode under the alt-S-GPS-MODES menu so that APRS will also parse GPS data on the TNC port. Even if you normally run HSP mode with other TNC's, your HSP adapter is not being used. The DFjr is doing the switching so SPM mode should be selected. (If you have the dual port Pico-TNC, however, then you must select HSP.) The multi-port adapter normally passes TNC data straight through to the PC. But when the DFjr outputs a report, it sends out a POSIT followed by a DF report which are combined with the TNC data at the COMM port.

end

clip!-----

I actively use WinAPRS which works like a charm, except for the RELATIVE/TRUE calculation which is finished and coming out in the next release. The RELATIVE/TRUE calculation as absolutely needed if you are a moving DFer, this calculation takes the DF relative bearing and subtracts it from the actual vehicle GPS heading so that the correct bearing is displayed on the map.

HINT'S-

1. Try lowering the GPS posit rate from the DFjr so there are less collisions at the MPA with the TNC.
2. Try turning off the GPS & DF ports on the DFjr control head and do a MANUAL report, MENU, ENTER. This sends the most recent GPS POSIT first, then the DF info second.
3. Bob's notes say "If you have the dual port Pico-TNC, however, then you must select HSP" but I think you tried this.
4. I do recall now having problems the first time and Bob walked me through it, I remember it being very picky about the sequence of everything, do this first then this, then that, click on this, click on that.

If I get some free time I will connect everything, get it working and pass along how I did it, can't promise, time is very limited.

Wish I could me more help:-(

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "

mailto:Jagrelo@cris.com

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.

Experts in Microchip & Motorola processors

XX

From n0lrf@amsat.org Mon Dec 16 19:24:36 1996

Received: from arthur.computer-services.com (arthur.computer-services.com
[206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA18747 for
<aprssig@tapr.org>; Mon, 16 Dec 1996 19:24:20 -0600 (CST)

Received: from pm6_11.computer-services.com (pm6_11.computer-services.com
[206.101.232.158]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id
TAA26716 for <aprssig@tapr.org>; Mon, 16 Dec 1996 19:24:47 -0600

Message-ID: <32B6123C.4993@amsat.org>

Date: Mon, 16 Dec 1996 19:23:40 -0800

From: Paul Stump <n0lrf@amsat.org>

X-Mailer: Mozilla 3.01 (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7337] dfJr multi port/gps/aprs77e -- working for anyone?

References: <199612162357.XAA179554@mule0.mindspring.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

gphowell@mindspring.com wrote:

<snip>

> ... At one point the program was
> telling me that it was not getting a position report therefore it was not
> displaying a bearing. I did see NMEA sentences scrolling across the
> bottom of the screen and lat/long was changing but was ignored.

Forgive me if I'm wrong, but my first reaction is that the GPS rcvr
did not have a valid fix. Did the NMEA sentences have lots of commas
next to each other? Was the first character of them a "V"? This may
indicate it was still searching...BTW, in \$GPRMC, a first character
of "A" usually indicates a valid fix (I think).

But then you said a GPS 45, it would have told you if it had a valid
fix...

> Any ideas on what I am doing wrong?

Never mind, I don't know why I'm sending this---maybe help someone
else...?

--

73, Paul, n01rf@amsat.org

From w2hob@mosquito.com Mon Dec 16 19:34:22 1996

Received: from itchy.mosquito.com (itchy.mosquito.com [206.205.132.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA19453 for <aprssig@tapr.org>; Mon, 16 Dec 1996 19:34:21 -0600 (CST)

Received: from dial87.mosquito.com (dial87.mosquito.com [206.205.132.116]) by itchy.mosquito.com (8.7.5/8.6.12) with SMTP id UAA11807 for <aprssig@tapr.org>; Mon, 16 Dec 1996 20:40:09 -0500 (EST)

Date: Mon, 16 Dec 1996 20:40:09 -0500 (EST)

Message-Id: <199612170140.UAA11807@itchy.mosquito.com>

X-Sender: w2hob@mosquito.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Boyd Prestwood <w2hob@mosquito.com>

Subject: Re: [APRSSIG:7323] Re: Any NE New Jersey APRS on VHF?

At 10:12 12/16/96 -0600, N2CZF wrote:

>>I am planing a trip back to New Jersey in a couple of weeks, is there any
>>activity up there yet. I have not been up there in 18 months and at that
>>time I got occasional coverage running 50 watts.

>>

>>I will be in Morris, Bergen, and Passaic County for about 1 week but this
>>time I will only be able to bring a HT and mag mount. Is it worth while for
>>me to even bother ? I am trying to travel light due to the holiday mess at
>>the airports!

>>

>>

>

>

Then Mark wrote:

>

>Rich

>

>Naw, there aint much up hear, I only get about 200 stations in about 3
>hours show up on my screen. Thats not very much now is it. After running
>a week, I had only 360 stations.

>

>

>Mark

>

W2HOB REPLY:

Then someone ought to inform those multitudes just how to beacon. Down here in SNJ, we only see WU2Z, KB2ICI, KB4CYC and not much else guys. I'm told that there's an N2MH-15 as a WIDE digi on West Orange... never see him...

Whatever happened to Mark Lehman, W02J... never see him anymore... he had a Wx Station, Gateway, and QTH all showing at one time... key station too into NY.

Have fun es 73 de Boyd
w2hob@mosquito.com

From WB9WOZ@aol.com Mon Dec 16 19:35:01 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA19496 for <aprssig@tapr.org>; Mon, 16
Dec 1996 19:34:59 -0600 (CST)
From: WB9WOZ@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id UAA06235 for
aprssig@tapr.org; Mon, 16 Dec 1996 20:34:28 -0500
Date: Mon, 16 Dec 1996 20:34:28 -0500
Message-ID: <961216203421_1425024441@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: MS band opening

I think I didn't word my first post as well as I should have.

This is in reference to the stations received on Friday night 12/13/96 at
approx
2315 to 2355 CST.

I was not running in the Meteor Scatter mode. I was running MacAPRS, (sorry
Bob) unfortunately with the logging turned off. If it was a terrestrial band
opening as Steve says, It was ONE HECK OF ONE, that just happened to coincide
with the peak of the meteor shower.

Either way, from my QTH, it skipped Indiana, Michigan & Ohio, and was confined
to Tennessee, Alabama, Georgia and the NE tip of Florida.

If it was a band opening, did the Chicago area stations also show up in the
Southeast?

Bruce Tobias
WB9WOZ@aol.com
Northern Illinois APRS Network (NIAN)

From bbliss@juno.com Mon Dec 16 19:36:00 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA19569 for <aprssig@tapr.org>; Mon, 16
Dec 1996 19:35:59 -0600 (CST)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id UcP25820; Mon, 16 Dec 1996 20:34:19 EST
To: gbaumgartner@mail.cybg.com
Cc: aprssig@tapr.org, wb4apr@amsat.org
Subject: \$GPRMC Sentences
Message-ID: <19961216.173403.2287.1.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-41
From: bbliss@juno.com (William B. Bliss)
Date: Mon, 16 Dec 1996 20:34:19 EST

Attn SIGars,

My apologies for the big typing error, please forgive an ageing old man, with artheritic fingures and poor eyesight. The examples that appeared in error was due to my typing.

NO bug in Dos APRS. Mistakes happen. (CACA PASA) .

Below are some exact examples off the air as transmitted packets, and my typed in as appears on the APRS Position log file.. Both RMC and GGA sentences..

Hope this corrects your doubts... Sorry ...

Packet texts off the air as sent:

W7KKE-15>WIDE*>WIDE>GATE>GATE>WIDE>APRS:

\$GPRMC,000100,A,3734.19,N,12215.95,W,22.1,225.0,171296,16.,E*5E

K06JR-9>WIDE*>WIDE>APRS:

\$GPRMC,000303,A,3758.924,N,12220.325,W,000.0,173.1,161296,015.8,E*66

W1CDM>WIDE>WIDE>GATE>GATE*>WIDE>APRS:

\$GPGGA,001453,3249.337,N,11657.777,W,1,6,001.3,118,M,-035,M,,*7C

KE6KEQ-9>WIDE*>WIDE>APRS:

\$GPGGA,003518,3756.896,N,12230.758,W,1,07,1.1,-11.8,M,-27.8,M,,*65

On APRS posit log, different position than above.

W7KKE-15 161642 @170042Z3734.25N/12215.02Wv044/30./raw*RMC Fix

K06JR-9 161648 @170048z3759.17N/12219.99W>331/008/raw*/RMC Fix

W1CDM 161634 @170034z3249.33N/11657.77W/GGA/NUL/raw*/GGA FIX/A=000383

73's & Enjoy, Bill/WB6LPG (My intentions were right)

NNNN

From n0lrf@amsat.org Mon Dec 16 19:41:59 1996

Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA19826 for <aprssig@tapr.org>; Mon, 16 Dec 1996 19:41:53 -0600 (CST)

Received: from pm6_11.computer-services.com (pm6_11.computer-services.com [206.101.232.158]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id TAA27072 for <aprssig@tapr.org>; Mon, 16 Dec 1996 19:42:21 -0600

Message-ID: <32B6165B.661B@amsat.org>

Date: Mon, 16 Dec 1996 19:41:15 -0800

From: Paul Stump <n0lrf@amsat.org>

X-Mailer: Mozilla 3.01 (Win16; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Rad Shack...
References: <Pine.BSF.3.91.961216194616.2000B-100000@laraby.tiac.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Amirault wrote:

> Give them time ...

That COULD sound like inside information...

Anyone have insight on their new WX station? What kind of data does it spit out? Can it work with APRS?

My 3-year-old Ultimeter II now has erratic wind speed readings and is plagued by HF transmission RFI.

--

73, Paul, n0lrif@amsat.org

From n5rkn@apex2000.net Mon Dec 16 19:49:32 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA20490 for <aprssig@tapr.org>; Mon, 16 Dec 1996 19:49:31 -0600 (CST)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with ESMTP id za000701 for <aprssig@tapr.org>; Mon, 16 Dec 1996 19:51:49 -0600
Message-ID: <32B5FC33.59E5@apex2000.net>
Date: Mon, 16 Dec 1996 19:49:39 -0600
From: Robert Jordan <n5rkn@apex2000.net>
Reply-To: n5rkn@apex2000.net
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: Gateway TNC after AEA Demise?
References: <Pine.BSF.3.91.961216194616.2000B-100000@laraby.tiac.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Amirault wrote:

>

> On Mon, 16 Dec 1996, Chris Terwilliger wrote:

> >

> > Why hasn't Radio Shack entered the TNC and/or GPS arena??

> > Not enough profit margin I guess...

>

> Give them time ...

>

> Richard Amirault N1JDU Boston, Massachusetts USA
> amirault@tiac.net "Go Fly A Kite"

Perhaps you'll see them enter the GPS market, but probably not tncs.

I fully expect them not to expand their amateur market in the near future. From reports, sales have dropped off dramatically in amateur gear for them. They are closing out their 440 h/t with no plans on a newer version. Perhaps what has hurt them is what has hurt most of the market out there.... internet.

Robert

From rswanson@csinet.net Mon Dec 16 20:02:03 1996

Received: from Home.csinet.net (root@Home.CsiNet.Net [206.31.16.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA20865 for <aprssig@tapr.org>; Mon, 16 Dec 1996 20:02:02 -0600 (CST)

Received: from Rob.csinet.net (Lp416157-A9.CsiNet.Net [206.31.16.157]) by Home.csinet.net (8.7.5/8.7.3) with SMTP id UAA05116 for <aprssig@tapr.org>; Mon, 16 Dec 1996 20:02:02 -0600

Message-ID: <32B5FF20.39C4@csinet.net>

Date: Mon, 16 Dec 1996 20:02:08 -0600

From: Rob Swanson <rswanson@csinet.net>

Reply-To: rswanson@csinet.net

X-Mailer: Mozilla 3.01Gold (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7343] Re: MS band opening

References: <961216203421_1425024441@emout07.mail.aol.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

WB9WOZ@aol.com wrote:

>
> I think I didn't word my first post as well as I should have.
>
> This is in reference to the stations received on Friday night 12/13/96 at
> approx
> 2315 to 2355 CST.
> I was not running in the Meteor Scatter mode. I was running MacAPRS, (sorry
> Bob) unfortunately with the logging turned off. If it was a terrestrial band
> opening as Steve says, It was ONE HECK OF ONE, that just happened to coincide
> with the peak of the meteor shower.
>
> Either way, from my QTH, it skipped Indiana, Michigan & Ohio, and was confined
> to Tennessee, Alabama, Georgia and the NE tip of Florida.
>
> If it was a band opening, did the Chicago area stations also show up in the
> Southeast?
>
> Bruce Tobias
> WB9WOZ@aol.com
> Northern Illinois APRS Network (NIAN)

I also Had several staions come in during that time from Alabama, Georgia, and across Florida Several on the panhandle and a few further south.

Rob Swanson (N9RVR)

rswanson@csinet.net

La Porte IN.

From etjm@ECUA.NET.ec Mon Dec 16 20:10:45 1996

Received: from ecua.net.ec (ecua.net.ec [157.100.1.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA21433 for <aprssig@tapr.org>; Mon, 16 Dec 1996
20:10:40 -0600 (CST)

Received: from [157.100.33.28] by ecua.net.ec (AIX 4.1/UCB 5.64/4.04)
id AA47522; Mon, 16 Dec 1996 21:11:43 -0500

Message-Id: <9612170211.AA47522@ecua.net.ec>

X-Sender: etjm@az.pro.ec

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 16 Dec 1996 21:13:10 -0500

To: aprssig@tapr.org

From: etjm@ECUA.NET.ec (teodoro jaramillo)

Subject: Re: [APRSSIG:7315] Re: Smallest gps-ant-tx..??

Hello friends...H E L P needed....

Local CIlvil Defense has requested since I am only Ham running
APRS-GPS in Ecuador, that I supply the possibility of acquiring
the "smallest-light weight GPS ANT AND A TX VHF OR UHF TX
to fly it on a 1/4 scale r/c model plane and observe
and
measure if possible some coordinates within the observation
by air area and or areas.....

I know most of you can help out with the information on
brand, model, size, weight, of GPS and perhaps just a TX which
will bring inthe information into APRS of course.

It will also only be flown for 20-30 minutes depending on FUEL
weight etc.

There may be also a very small camera on board if it all
is kept SMALLEST system.....

Thanks a lot and will watch the flow.. forthcoming.....

TED HC5K 02 55 65 s 079 00 56 W

RUNNING: PACCOM TINY-2 GPS AND KAM GATE INTO APRS AT
10.151 LSB 100 WATTS. DIPOLE.. LATELY LOW CONDITIONS DOWN
HERE...

THANKS A LOT.

>I have a fiberglass top on the K-5 and a roll bar inside. I put my antenna
>on top of the bar. NO PROBLEMS!!!
>
>
>
>On Fri, 13 Dec 1996, William Nolle wrote:
>
>> Steve Dimse wrote:
>> >
>> > >I've been following the mail about the tripmate and I am wondering if it
>> > >is possible to modify it to use an external antenna. I don't quite like
>> > >the idea of setting it on the dashboard for several reasons, especially
>> > >because of its bright color. Please, I would like to find out before I
>> > >go out and purchase one.
>> > >
>>
>> Why would anyone want a external antenna for the Tripmate, If so why not
>> just glue some magnets on the bottom of the receiver and place it on top of
>> the vehicle it looks like it's water tight. Personally with what testing I
>> have done with the receiver on the dash works just great in fact much
>> better then my Magellan ever did.
>> --
>> \\\\\\\
>> (0 0)
>> *--o0-(_) -0o--*
>> wa8inz@amsat.org
>> wa8inz@cris.com
>>
>
>
>

From w4ue@pobox.com Mon Dec 16 20:34:30 1996
Received: from mailhub.southeast.net (root@mailhub.southeast.net [207.98.192.83])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA23271 for <aprssig@tapr.org>; Mon,
16 Dec 1996 20:34:29 -0600 (CST)
Received: from jrmoore.ppp.southeast.net (ts8-021.southeast.net [207.98.194.156])
by mailhub.southeast.net (8.8.3/8.6.12) with SMTP id VAA21440 for
<aprssig@tapr.org>; Mon, 16 Dec 1996 21:34:58 -0500 (EST)
Message-ID: <32B64CF9.134E@pobox.com>
Date: Tue, 17 Dec 1996 02:34:17 -0500
From: "John R. Moore" <w4ue@pobox.com>
X-Mailer: Mozilla 3.01Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7345] Rad Shack...
References: <32B6165B.661B@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Stump wrote:

>
> Richard Amirault wrote:
>
> > Give them time ...
>
> That COULD sound like inside information...
>
> Anyone have insight on their new WX station? What kind of
> data does it spit out? Can it work with APRS?
>
> My 3-year-old Ultimeter II now has erratic wind speed
> readings and is plagued by HF transmission RFI.
>
> --

> 73, Paul, n01rf@amsat.org

Has anyone been able to find a RAD SHACK weather station yet.

All the stores I have contacted here in Jacksonville FL say

Don't have it don't know when.

John W4UE

From davew@cruzio.com Mon Dec 16 20:48:23 1996

Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA23823 for <aprssig@tapr.org>; Mon, 16 Dec 1996 20:48:19 -0600 (CST)

Date: Mon, 16 Dec 1996 20:48:19 -0600 (CST)

Received: from pine222.cruzio.com by bbs.cruzio.com id aa26393;
16 Dec 96 18:32 PST

X-Sender: davew@mail.cruzio.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: David Wells <davew@cruzio.com>

Subject: Re: [APRSSIG:7310] KAM and KAM+ Observations

Message-ID: <9612161832.aa26393@bbs.cruzio.com>

I have recently been using my KAM+ on HF. I found the sensitivity to be best when I grounded the external CD line, but it would not TX. I guess APRSDos found the frequency to be busy when used in this way. I changed the CD to software and it would TX fine but sensitivity was not as good. I also have a DSP59+ in front of it. I use FSK on TX not AFSK. Would appreciate any sig reports.

I usually use it for working RTTY and find I can copy sigs into the noise. The DSP helps here.

Dave

David L. Wells KD6TO (KD6 Teletype Operator)

INTERNET: davew@cruzio.com

Watsonville, CA USA

"positive rate, gear up, flaps to initial....I'm outa here!"

From cbuttsch@slonet.org Mon Dec 16 20:54:13 1996
Received: from oso.slonet.org (cbuttsch@oso.slonet.org [207.114.180.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA24219 for <aprssig@tapr.org>; Mon, 16 Dec 1996 20:54:11 -0600 (CST)
Received: from localhost (cbuttsch@localhost) by oso.slonet.org (8.7.6/8.7.3) with SMTP id SAA23826 for <aprssig@tapr.org>; Mon, 16 Dec 1996 18:51:50 -0800 (PST)
Date: Mon, 16 Dec 1996 18:51:50 -0800 (PST)
From: Clifford Buttschardt <cbuttsch@slonet.org>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7346] Re: Gateway TNC after AEA Demise?
In-Reply-To: <32B5FC33.59E5@apex2000.net>
Message-ID: <Pine.GS0.3.95.961216185007.23533A-100000@oso.slonet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So who gives a good damn what RadioShack thinks! They have NEVER cared what ham radio is about and could care less!! Cliff K7RR

On Mon, 16 Dec 1996, Robert Jordan wrote:

> Richard Amirault wrote:
> >
> > On Mon, 16 Dec 1996, Chris Terwilliger wrote:
> > >
> > > Why hasn't Radio Shack entered the TNC and/or GPS arena??
> > > Not enough profit margin I guess...
> >
> > Give them time ...
> >
> > Richard Amirault N1JDU Boston, Massachusetts USA
> > amirault@tiac.net "Go Fly A Kite"
>
> Perhaps you'll see them enter the GPS market, but probably not tncs.
> I fully expect them not to expand their amateur market in the near
> future. From reports, sales have dropped off dramatically in amateur
> gear for them. They are closing out their 440 h/t with no plans on
> a newer version. Perhaps what has hurt them is what has hurt most of
> the market out there.... internet.
> Robert
>
>

From n01rf@amsat.org Mon Dec 16 21:47:41 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27345 for <aprssig@tapr.org>; Mon, 16 Dec 1996 21:47:31 -0600 (CST)
Received: from pm6_05.computer-services.com (pm6_05.computer-services.com [206.101.232.152]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id VAA29794 for <aprssig@tapr.org>; Mon, 16 Dec 1996 21:47:58 -0600
Message-ID: <32B633CD.3D76@amsat.org>
Date: Mon, 16 Dec 1996 21:46:53 -0800
From: Paul Stump <n01rf@amsat.org>

X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7347] Re: MS band opening
References: <32B5FF20.39C4@csinet.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rob Swanson wrote:

>

> WB9WOZ@aol.com wrote:

> > This is in reference to the stations received on Friday night 12/13/96 at

> > approx

> > 2315 to 2355 CST.

> > I was not running in the Meteor Scatter mode. I was running MacAPRS, (sorry

> > Bob) unfortunately with the logging turned off. If it was a terrestrial band

> > opening as Steve says, It was ONE HECK OF ONE, that just happened to coincide

> > with the peak of the meteor shower.

> I also Had several staions come in during that time from Alabama,

> Georgia, and across Florida Several on the panhandle and a few further

> south.

Wrote in my notes of 12-12-96 (Thursday), evening: "Band opening, seeing
stations from AR, IL & TN! Via WIDES, not gates..." On 145.790 MHz.

--

73, Paul, n0lrf@amsat.org

From n0lrf@amsat.org Mon Dec 16 22:08:25 1996

Received: from arthur.computer-services.com (arthur.computer-services.com
[206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA28477 for
<aprssig@tapr.org>; Mon, 16 Dec 1996 22:08:16 -0600 (CST)

Received: from pm6_05.computer-services.com (pm6_05.computer-services.com
[206.101.232.152]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id
WAA30227 for <aprssig@tapr.org>; Mon, 16 Dec 1996 22:08:07 -0600

Message-ID: <32B63883.7DF@amsat.org>

Date: Mon, 16 Dec 1996 22:06:59 -0800

From: Paul Stump <n0lrf@amsat.org>

X-Mailer: Mozilla 3.01 (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7348] Re: Smallest gps-ant-tx...??

References: <9612170211.AA47522@ecua.net.ec>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

teodoro jaramillo wrote:

> the "smallest-light weight GPS ANT AND A TX VHF OR UHF TX

> to fly it on a 1/4 scale r/c model plane and observe

> measure if possible some coordinates within the observation

> by air area and or areas.....
>
> I know most of you can help out with the information on
> brand, model, size, weight, of GPS and perhaps just a TX which
> will bring in the information into APRS of course.

I will highly recommend the Clement MIM module as a small,
light-weight "TNC" for transmitting GPS data (no receive),
but works without fail. See:
<http://www.home.navisoft.com/agrelo/clement.htm>

The Agrello HPVFC VHF transmitter (very small & light) looks
like a good choice for your needs. I have no experience with
it however. See:
<http://www.home.navisoft.com/agrelo/ae.htm>

--

73, Paul, n01rf@amsat.org

From rgervenack@juno.com Mon Dec 16 22:14:18 1996
Received: from x14.boston.juno.com (x14.boston.juno.com [205.231.101.27]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA28656 for <aprssig@tapr.org>; Mon, 16
Dec 1996 22:14:16 -0600 (CST)
Received: (from rgervenack@juno.com) by x14.boston.juno.com (queuemail)
id XEE06972; Mon, 16 Dec 1996 23:11:59 EST
To: aprssig@tapr.org
Date: Mon, 16 Dec 1996 11:59:16 pst
Subject: Re: Gateway TNC after AEA Demise?
Message-ID: <19961216.200933.11695.0.rgervenack@juno.com>
References: <32B5A902.1FE7@cjnetworks.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-5,7-66
From: rgervenack@juno.com (Robert W Gervenack)

The PK-232 uses a converter from 1200 to 300 baud for HF.
And of course 300 to 1200 baud converter.
Need say more?
Good luck.
73 Gervie. W7FEN. rgervenack@juni.com

On Mon, 16 Dec 1996 12:10:21 -0600 (CST) Ross McClain
<aa0mm@cjnetworks.com> writes:
>schiers@ames.net wrote:
>>
>> In <199612132031.PAA03262@unix.asb.com>, on 12/13/96 at 02:13 PM,
>> bob <w2g3zfy@unix.asb.com> said:
>>
>> >I used a PK232 initially but for the last 3 years of GATE operation
>I
>> >have used the Kantronics KAM Plus with both dosAPRS and for the
>last 6
>> >months with winAPRS with no problems. Works fine.
>>

>> Now that is a novel thought! How can the 232, which doesn't support
>dual
>> port (simultaneous) operation be used as a dual port gateway tnc? I
>have
>> one sitting here with the latest firmware and I see no indication
>that it
>> has any prayer of working in that mode.
>>
>> Thanks so much for your 2nd comments about the Kam +...that is
>exactly the
>> kind of info I was looking for: "I have one, I use it the way you
>intend
>> with the software you are going to use and it works." I couldn't
>have
>> asked for more. At least now I know when the 2232 craps out and it
>can't
>> be fixed, (also knowing it will no longer be supported), I can go
>get a
>> KAM + and be happy. I hope the KAM + is a good performer.
>>
>> Actually, it is a bit of a joke to say AEA ever supported the 2232.
>They
>> misrepresented its development from the first day. Made excuses,
>blamed
>> others and promised the moon. They delivered on very little, except
>some
>> very minor prom upgrades. They blew it. A marvelous dsp engine is
>inside
>> that thing and they botched it.
>>
>> If I seem bitter...I am. 1 kilobuck in the toilet.
>>
>> I would be very interested to hear about the KAM + performance on hf
>and
>> any other feedback about using it in gateway dual port mode with
>WinAPRS.
>>
>> 73,
>>
>> hasan schiers, NOAN
>> -----
>> schiers@ames.net
>> -----
>
>Go to Kantronics.com and ask them direct!
>
>
>

From gwellls@nbn.net Mon Dec 16 22:32:50 1996
Received: from mail.nbn.net (root@nbn.net [199.234.116.15]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA29802 for <aprssig@tapr.org>; Mon, 16 Dec 1996
22:32:49 -0600 (CST)

Received: from default (access30.nbn.net [199.234.116.129]) by mail.nbn.net (8.7.5/8.7.3) with ESMTP id XAA25562 for <aprssig@tapr.org>; Mon, 16 Dec 1996 23:32:44 -0500

Message-Id: <199612170432.XAA25562@mail.nbn.net>

From: "Gary Wells" <gwells@nbn.net>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:7281] Re: Remote Ultimeater

Date: Mon, 16 Dec 1996 23:31:32 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

> From: Steve Dimse <sdimse@bridge.net>

> To: aprssig@tapr.org

> Subject: [APRSSIG:7281] Re: Remote Ultimeater

> Date: Sunday, December 15, 1996 10:59 AM

>

> Looks like the recieved data on the U-II tnc is getting sent to the U-II,

> where it is echoed back to the tnc mixed with the U-II data. Fastest fix,

> try setting FLOW ON on the U-II TNC, could also break the rs-232 data

> going out of the tnc into the U-II.

>

> Steve K4HG

FLOW was on, ECHO was off. However, following your other idea, I disconnected the resistor on the U-II interface cable 25 pin plug from pin 2...problem solved!!!

I'm not sure what purpose, if any, the resistor serves in this application, but it's been working perfectly for 24 hours.

Thanks much!!!

Gary N3HCP

From bm670@freenet.toronto.on.ca Mon Dec 16 22:56:40 1996

Received: from queen.torfree.net (root@queen.torfree.net [199.71.188.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA01557 for <aprssig@tapr.org>; Mon, 16 Dec 1996 22:56:39 -0600 (CST)

Received: by queen.torfree.net (Smail3.1.28.1 #6)

id m0vZrYA-0000n8C; Mon, 16 Dec 96 23:54 EST

Date: Mon, 16 Dec 1996 23:54:42 -0500 (EST)

From: Jack LeBreton <bm670@freenet.toronto.on.ca>

Subject: re: Saturday DX

To: aprssig@tapr.org

In-Reply-To: <199612170432.XAA25562@mail.nbn.net>

Message-ID: <Pine.3.89.9612162331.B1072-0100000@queen>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

★★

From jagrelo@cris.com Mon Dec 16 23:11:40 1996
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA02446 for <aprssig@tapr.org>; Mon, 16 Dec 1996
23:11:39 -0600 (CST)
Received: from crc3.pop3.net (cnc059043.concentric.net [206.83.77.43])
by cliff.cris.com (8.8.3/(96/11/08 1.11))
id AAA29158; Tue, 17 Dec 1996 00:11:36 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Message-ID: <32B65711.1887@cris.com>
Date: Tue, 17 Dec 1996 00:17:21 -0800
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7353] Re: Smallest gps-ant-tx..?? URL correction
References: <32B63883.7DF@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Stump wrote:

> <http://www.home.navisoft.com/agrelo/clement.htm> (WRONG)

<http://home.navisoft.com/agrelo/clement.htm> (CORRECT)

> <http://www.home.navisoft.com/agrelo/ae.htm> (WRONG)

<http://home.navisoft.com/agrelo/ae.htm> (CORRECT)

Thanks!

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com

WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors

XX

From clark@tomcat.gsfc.nasa.gov Mon Dec 16 23:19:43 1996
Received: from leo.gsfc.nasa.gov (leo.gsfc.nasa.gov [128.183.77.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA02982 for <aprssig@tapr.org>; Mon, 16 Dec 1996 23:19:40 -0600 (CST)
Received: from vlbi.gsfc.nasa.gov by leo.gsfc.nasa.gov; Tue, 17 Dec 1996 00:18:43 -0500
Message-Id: <32B62CFA.7A2@tomcat.gsfc.nasa.gov>
Date: Tue, 17 Dec 1996 05:17:47 +0000
From: "Tom Clark (W3IWI)" <clark@tomcat.gsfc.nasa.gov>
Reply-To: clark@tomcat.gsfc.nasa.gov
Organization: NASA Goddard Space Flight Center
X-Mailer: Mozilla 3.0Gold (Win95; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7083] NMEA/GPS questions...
References: <Pine.LNX.3.91.961209135405.27687A-100000@jerryc>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don Pfister KA0JLF wrote:

>
> I see the NMEA GPS lat/long is in ddmm.mmmm format. Are these truly
> decimal minutes? Would .0001 be .0001 of a minute?

Yes, but not all receivers return 4 digits to the right of the decimal point.

> Does this sound right? From the refernces I have found, it says one
> degree is made up of 60 minutes. One minute is made of 60 seconds. It
> says one second at the equator is 1 nautical/geographic mile. One nautical
> mile is 6080 feet. So $60 \times 6080 = 364800$ feet (at the equator - long. I
> think). Now $.0001 \times 364800 = 36.48$ feet. Am I on the right track? If so
> what do you do when you move away from the equator? What about Lat.?

The units conversion question comes up frequently, so here are some tips and definitions that may help. I prefer to make use of the fundamental definitions of quantities which are:

(a) The original definition of the meter from the 1800's (which is still correct to better than one part per million) is that the meter is 1/10,000,000th of the distance from the pole to the equator (i.e. 90 degrees of Latitude) along the meridian of Paris. So by simple units conversion we get:

90 degrees of latitude = 10,000 km
or 1 degree of latitude = $10,000/90 = 111.1111$ km
or 1 arc minute of latitude = $111.1111 \times 1000/60 = 1851.8518$

meters

(b) As an aside, the definition of the Nautical Mile is (as you indicated):

1 degree of latitude = 60 NM
or 1 arc minute of latitude = 60/60 = 1 NM

(c) The definition of the "legal" inch and foot are:
1 meter = 39.3700000 inches = 3.2808333 feet

(d) Combining (a) and (d), I get:
1 minute of latitude = 3.28 * 1852 = 6075.62 feet

(e) If the earth were a sphere (it isn't quite), then at the equator the distances would be the same as in latitude. At 40N or 40S, we would have $1851.9 \times \cos(40) = 1418.6$ meters or $6075.6 \times \cos(40) = 4654.2$ feet per arc minute.

While I'm doing a tutorial, let me note that the earth is >>NOT<< a sphere and that these figures are >>SLIGHTLY<< incorrect for arcs of longitude. The earth is in fact an oblate (flattened) spheroid with an equatorial radius of 6378.16 km and a polar radius that is ~22 km smaller (reduced by a factor of $(1 - 1/298.25)$ to 3956.77 km. When the "true" equatorial radius is used to express east-west distances (in Longitude), we find that one arc minute of Longitude at the equator is 1855.3 meters = 6087.3 feet.

When we apply the cosine(Latitude) correction, we get the following table:

Latitude	Cos(Lat)	----- Longitude Distances -----	
		meters/arc minute	feet/arc minute
0	1.0000	1855.33	6087.03
10	.9848	1827.14	5994.56
20	.9397	1743.44	5719.94
30	.8660	1606.76	5271.53
40	.7660	1421.27	4662.94
50	.6428	1192.58	3912.67
60	.5000	927.67	3043.52
70	.3420	634.56	2081.89
80	.1736	322.17	1057.00
90	0	0	0

Answering your other question, The NMEA messages from most receivers have a precision (but certainly not accuracy) of 0.001 arc minutes (i.e. ddmm.mmm format) corresponding to distances of ~1.5 meters or ~5 feet; but some have one more digit in their NMEA reports (ddmm.mmmm with the smallest digit ~15 cm or ~6 inches) and I've seen some with reports to only .01 minutes

(ddmm.mm, corresponding to ~15 meters or ~50 feet). The NMEA specification does not require a particular precision for the Lat/Lon report.

You used the "conventional" 6080 feet = 1 NM definition. This gives an approximation to the usual assumption that "60 NM = 1 degree". But from the numbers above you can see that the "correct" value is more like 6075 feet in latitude and somewhat larger (6087 feet) at the equator for one arc minute. But the numbers are close!

Sorry to be slow getting this out -- I was in Japan all last week! Hope the tutorial helped -- 73 de Tom, W3IWI

From clark@tomcat.gsfc.nasa.gov Mon Dec 16 23:28:49 1996
Received: from leo.gsfc.nasa.gov (leo.gsfc.nasa.gov [128.183.77.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA03505 for <aprssig@tapr.org>; Mon, 16 Dec 1996 23:28:48 -0600 (CST)
Received: from vlbi.gsfc.nasa.gov by leo.gsfc.nasa.gov; Tue, 17 Dec 1996 00:27:50 -0500
Message-Id: <32B62F26.4D65@tomcat.gsfc.nasa.gov>
Date: Tue, 17 Dec 1996 05:27:02 +0000
From: "Tom Clark (W3IWI)" <clark@tomcat.gsfc.nasa.gov>
Reply-To: clark@tomcat.gsfc.nasa.gov
Organization: NASA Goddard Space Flight Center
X-Mailer: Mozilla 3.0Gold (Win95; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7138] Garmin GPS20 Problem
References: <32AECD6.6474@hk.super.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chan Siu Kwing Albert wrote:

>
> Hello everybody!
> I live on a compartment type building in Hong Kong and I had bought a
> GPS 20 from TAPR. Only one side of my flat open to air and here I setup
> a Maldol HDX-30 wide band antenna (100Mhz - 1500Mhz) to the GPS 20. I
> had tried both the GPSy and MacAPRS GPS related program. I get nothing
> from the GPSy and I saw that the percentage good box increased at the
> heads up display from the MacAPRS at the first time. But after that I
> got nothing change again. I had tried the programs many times and at
> different time slot. I make sure that both the program receive data from
> the GPS. Below is some data collected from a NMEA log:
> \$GPRMC,165546,V,,,,,,111296,,*38
> \$GPGGA,165546,,,,,0,00,,,M,,M,,*63
> \$GPGSA,A,1,,,,,,,,,,,,,*1E
> \$GPGSV,1,1,01,03,00,000,,,,,,,,,,,,,*4B
> \$PGRME,,,,,*4D
> \$GPVTG,,T,,M,,N,,K*4E
> Only the time field changes all the time. Does the GPS 20 have problem
> or I collect no data from the air under my testing condition?

These messages indicate that you are not receiving any GPS satellites. The long strings of ,,,,,,, nulls will disappear and numbers will be in the fields when it is working. The GGA and RMC messages will have your lat/lon in them, and the GSV message will show the Az/EI/SNR for the satellites you have in view.

73, Tom

From clark@tomcat.gsfc.nasa.gov Mon Dec 16 23:40:40 1996
Received: from leo.gsfc.nasa.gov (leo.gsfc.nasa.gov [128.183.77.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA04135 for <aprssig@tapr.org>; Mon, 16 Dec 1996 23:40:39 -0600 (CST)
Received: from vlbi.gsfc.nasa.gov by leo.gsfc.nasa.gov; Tue, 17 Dec 1996 00:39:58 -0500
Message-Id: <32B631FF.2496@tomcat.gsfc.nasa.gov>
Date: Tue, 17 Dec 1996 05:39:11 +0000
From: "Tom Clark (W3IWI)" <clark@tomcat.gsfc.nasa.gov>
Reply-To: clark@tomcat.gsfc.nasa.gov
Organization: NASA Goddard Space Flight Center
X-Mailer: Mozilla 3.0Gold (Win95; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7187] Re: Tripmate ext. antenna?
References: <CMM.0.90.4.850492873.alan@manila.cc.columbia.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan Crosswell wrote:

>
> Eric wrote:
>
> >Basically you need to dig the unit out of the box, disconnect
> >the patch antenna, and rig up a connector.
>
> >The problem is that there is no voltage supply for a preamp. There
> >is the network for it, but from the material on the chip set I read the
> >....
>
> Isn't it just the case of capacitively coupling the antenna feedline
> to the GPS and putting some DC on it?
>
> ---| |---+-----> coax toward remote antennna
> |
> +--- +V
>
> Presumably, if you're going to this much trouble to void your warranty
> you've already added an external power source...
>
> Don't flame me too hard if I am off base here. I do admit being
> weeded out of EE very early (Omar Wing's Circuits class) and going
> into CS:-) EE's know what CS really stands for.
>

> 73 de Alan N2YGK

I don't know about the Tripmate side of things, but on the RF side, I'd strongly advise that you put a small RF choke between the coax and the +V connection so as to not present too wierd an impedance to the antenna/preamp.

A suitable RF choke for the L-band (1575 MHz) frequency can be made with a 2" long piece of #30 wire-wrap wire wound on a 1/16" drill bit. You'll get about 8 turns out of the length. A drop of fingernail polish or superglue will hold the choke together.

73, Tom

From bm670@freenet.toronto.on.ca Mon Dec 16 23:44:36 1996

Received: from sheppard.torfree.net (root@sheppard.torfree.net [199.71.188.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA05419 for <aprssig@tapr.org>; Mon, 16 Dec 1996 23:44:32 -0600 (CST)

Received: by sheppard.torfree.net (Smail3.1.28.1 #6)

id m0vZsIY-000QwGC; Tue, 17 Dec 96 00:42 EST

Date: Tue, 17 Dec 1996 00:42:38 -0500 (EST)

From: Jack LeBreton <bm670@freenet.toronto.on.ca>

Subject: Re: Saturday DX

To: aprssig@tapr.org

Message-ID: <Pine.3.89.9612170004.A27068-01000000@sheppard>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Fellow SIG members:

I have been following the discussion re: meteor scatter DX ever since Bwana Bob reminded us that the shower was to have been last weekend. Below is a portion of my log from Saturday (14 Dec) morning (9AM EST). This looks like a great DX at that time.

I'm just outside of Toronto (west) and couldn't believe my map. What a mess!

Also included is the "heard log" from the overnight monitoring. Great DX.! Anyone see themselves??

73 de Jack VA3JAX

p,VE3NEC 140929 /132139/4339.10N/07956.40W-John in Georgetown @ VE3INF
p,VE3HVS 132344 /131800/4258.96N/07914.38W-Denis in Welland @VE3SNP-BBS-
p,VE3MX-5 140928
@140932/4253.01N/07919.11W_092/000/T036/R000p000b0311h71g002U2k
p,VE3KFK 140925 !*****/4421.17N/07844.35W#PHG4660/WIDE-RELAY Lindsay
APRS Digi
p,VE3GTU 140720 /082327/4333.79N/08003.20W#Solar powered Test Beacon
p,N2NPR-10 140926 !*****/4252.39N/07851.19W#PHG6480/WIDE-RELAY MICROTEC
BUFFA
p,VE3TRJ 140926 /122240/4340.99N/07945.23W-Bryan, ve3trj@ve3inf

p,VE3LSR 140924 !*****/4432.20N/07940.24W#PWR6700/WIDE-RELAY LK.
 SIMCOE RPT AS
 p,KE2VW-3 140929
 @140929/4238.76N/07834.88W_313/004/T044c932x000b0000h00U2kr
 p,VE3AZD 132334 @132333/4339.82N/07932.80W-stan in Etob.
 p,VE3HFD 140929 @140930/4302.72N/07917.68W-Ian in Fonthill @ VE3SNP
 p,VE3YUF 140928 /132004/4302.40N/07917.56W-Sean in Fonthill
 p,VE3YAP 140921 !*****/4351.45N/08011.37W#PHG5760/WIDE-RELAY
 S.O.P.R.A. APRS d
 p,VE3YYZ 140921 !*****/4338.92N/07922.91W#PHG5760/WIDE-RELAY 1000
 Feet Above T
 p,AA2AC-2 140929
 @140929/4259.21N/07839.48W_229/001/T036c784x160b0333h12U2kr
 p,VE3ADJ 140916 /121707/4412.30N/07842.30W-Bob in Janetville
 p,VE3DKQ 140929 @140942z4335.08N/07946.44W-PHG7290/KEN IN MISS. VE3ADT
 444.125
 p,VE3PLF-3 140920 !*****/4331.69N/08031.35W#PHG2340/WIDE COBRA test
 digi Kitchen
 p,VE3RPT 140920 !*****/4401.80N/07904.50W#Pwr4641/WIDE-RELAY Toronto
 FM Commun
 p,VA3MW 140851
 @141425z4332.80N/07935.85W_247/001/T038/R000p000g000UIIauto)
 p,VE3GTU-1 140924 /081044/4344.01N/07924.90W-Andrew in Toronto
 p,VA3HOI 132356 @140003/4510.68N/07917.38W_360/001/t 34/D
 0b1014/R000/WX rept
 p,VE3UDU 140032 @132328/4422.04N/07939.17W#PHG2398/APRS77E ON
 LINE..LARRY IN BA
 p,VE3UEX 140842 /130938/4422.33N/07940.87W-DAVE VE3UEX IN BARRIE
 p,N2CZF 140920 @140914/2654.66N/08013.67W&Rich in Jupiter Farms Florida
 p,K4HG 140846 @141348z2439.65N/08128.90WMPHG9160/Steve, Cudjoe Key
 -267-<48>0
 p,NP2IJ 140809 @140812/2654.27N/08013.33W# Derick,Jupiter Farms,EL96VV
 p,W3BLW 140724 @140723/2751.31N/08242.11W - George Pinellas Park, Fl
 p,VE3VRW 140921
 @141422z4342.38N/07914.65W_319/000/T038/R000/P000/B029/H2855/G0
 p,VA3DHR 140142 /131849/4301.05N/07916.97W-don in fonthill
 p,KP3S 140821
 @141318z1822.18N/06608.20W_178/001/T076/R000/P000/B014/H000/U2a
 p,WD5CWZ 140249 @140149/3049.19N/09505.28W&PHG7250/Mike at Onalaska, Texas
 p,VE3SXX 140251 @140252z4326.16N/08027.27W-NewUser
 p,WA5ZAI 140212 @140712z3138.30N/09729.75WZPHG5290/WinAPRS -100-<410>
 p,W2GV 140544 !*****/4301.08N/07731.79W# Rochester's path to the
 Finger Lake
 p,N2VJV 140556 @141056z4229.31N/07620.33W-PHG3230/Howard -
 Freeville,NY FN12tl
 p,W2HE 140546 /122314z4236.43N/07633.20W#WIDE-RELAY ITH/ROC DIGI
 p,KE3WA 140716 @141216z4016.00N/07515.00W&PHG3000/Sean - Phil., PA.
 -117-<520>
 p,N0TZV 140756 @141156z2747.99N/08247.16W-Hi from Madeira Beach,Fl de
 George
 p,N0AN 140859
 @141400z4158.25N/09333.36W_184/008/T094/R000/P000/B023/H.../G01
 p,VE3FGK 140929 @140929/4342.32N/07942.28W-Dave in Bramalea @ VE3INF

p,W6PNC-7 140854 @140858/3358.60N/08417.84W&John's Gateway in Dunwoody, GA
p,KQ4TV 140850
@141352z3610.61N/08635.50W_022/000/T034/R000/P000/G000/ UII(aut
p,VE3DOH 140924 @140903/4254.71N/07936.55W_PHG5240/t 41b0159/R.00/WX rept
p,VE3NP 140923 @141428z4502.54N/07936.44W&Gateway to Muskoka,Ont
HF<>VHF144.39

r,TIME * TICK:12-14-1996 09:00:04

h,TIME	,	23	0	1	2	3	4	5	6	7	8	9	,	999
h,VE3NEC	,	12	12	11	12	12	12	12	12	12	11	12	6	, 999
h,VE3HVS	,	3	0	0	0	0	0	0	0	0	0	0	,	999
h,VE3MX-5	,	7	3	9	7	8	8	6	8	6	8	5	,	999
h,VE3KFK	,	7	6	6	7	6	7	6	6	8	5	2	,	999
h,VE3GTU	,	5	3	3	3	2	3	8	4	3	0	0	,	999
h,N2NPR-10	,	5	5	7	5	5	6	6	7	7	4	4	,	999
h,VE3TRJ	,	11	4	4	2	0	4	10	6	7	7	4	,	999
h,VE3LSR	,	3	3	4	4	4	4	2	5	5	6	2	,	999
h,VE3AZD	,	10	0	0	0	0	0	0	0	0	0	0	,	999
h,VE3HFD	,	8	11	15	10	18	13	11	9	12	6	8	,	999
h,VE3YUF	,	8	8	6	7	9	11	9	8	10	6	3	,	999
h,VE3YAP	,	5	8	8	7	6	7	6	6	7	6	3	,	999
h,VE3YYZ	,	14	14	18	16	16	14	19	18	15	15	7	,	999
h,VE3DKQ	,	8	18	18	7	9	8	10	8	12	15	5	,	999
h,VE3ADJ	,	3	2	3	3	3	1	1	2	3	2	1	,	999
h,VE3PLF-3	,	2	2	3	4	4	3	2	3	3	2	1	,	999
h,VE3RPT	,	2	4	1	3	4	2	3	3	2	2	2	,	999
h,VA3MW	,	5	10	8	9	8	7	10	9	5	11	1	,	999
h,AA2AC-2	,	3	3	4	4	4	3	4	4	4	1	2	,	999
h,VE3VRW	,	1	5	2	5	5	3	4	4	3	4	1	,	999
h,VE3GTU-1	,	1	1	2	1	1	2	1	1	2	1	1	,	999
h,KE2VW-3	,	1	3	2	2	4	2	3	2	2	4	1	,	999
h,VA3HOI	,	3	0	0	0	0	0	0	0	0	1	0	,	999
h,VE3UDU	,	0	3	0	0	1	0	0	0	0	0	0	,	999
h,VE3IFR	,	0	1	0	0	0	0	0	0	0	0	0	,	999
h,VE3UEX	,	0	1	0	1	0	1	0	1	0	1	0	,	999
h,N2CZF	,	0	4	6	15	8	3	0	0	3	0	1	,	999
h,K4HG	,	0	1	0	0	0	0	0	0	0	1	0	,	999
h,NP2IJ	,	0	2	8	4	5	1	0	0	0	2	0	,	999
h,W3BLW	,	0	2	5	0	1	0	0	0	1	0	0	,	999
h,VA3DHR	,	0	0	24	0	0	0	0	0	0	0	0	,	999
h,KP3S	,	0	0	1	0	0	0	0	1	0	2	0	,	999
h,WD5CWZ	,	0	0	1	2	1	0	0	0	0	0	1	,	999
h,VE3SXX	,	0	0	2	4	0	0	0	0	0	0	0	,	999
h,WA5ZAI	,	0	0	0	1	0	0	0	0	0	0	0	,	999
h,WB5TKI	,	0	0	0	1	0	0	0	0	0	0	0	,	999
h,K4HG-2	,	0	0	0	1	0	2	0	0	0	0	0	,	999
h,W2GV	,	0	0	0	0	2	0	1	0	0	0	0	,	999
h,N2VJV	,	0	0	0	0	1	0	2	0	0	0	0	,	999
h,W2HE	,	0	0	0	0	0	1	1	0	0	0	0	,	999
h,KE3WA	,	0	0	0	0	0	0	0	0	1	0	0	,	999
h,N0TZV	,	0	0	0	0	0	0	0	0	1	0	0	,	999
h,N0AN	,	0	0	0	0	0	0	0	0	0	2	0	,	999

h,VE3FGK	,	0	0	0	0	0	0	0	0	0	10	3	,	999
h,W7LUS-14	,	0	0	0	0	0	0	0	0	0	1	0	,	999
h,KB2LML	,	0	0	0	0	0	0	0	0	0	1	0	,	999
h,W6PNC-7	,	0	0	0	0	0	0	0	0	0	3	0	,	999
h,KQ4TV	,	0	0	0	0	0	0	0	0	0	1	1	,	999
h,VE3DOH	,	0	0	0	0	0	0	0	0	0	27	19	,	999
h,VE3NP	,	0	0	0	0	0	0	0	0	0	0	6	,	999

From clark@tomcat.gsfc.nasa.gov Mon Dec 16 23:53:20 1996
 Received: from leo.gsfc.nasa.gov (leo.gsfc.nasa.gov [128.183.77.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA05876 for <aprssig@tapr.org>; Mon, 16 Dec 1996 23:53:19 -0600 (CST)
 Received: from vlbi.gsfc.nasa.gov by leo.gsfc.nasa.gov; Tue, 17 Dec 1996 00:52:44 -0500
 Message-Id: <32B634FD.253F@tomcat.gsfc.nasa.gov>
 Date: Tue, 17 Dec 1996 05:51:57 +0000
 From: "Tom Clark (W3IWI)" <clark@tomcat.gsfc.nasa.gov>
 Reply-To: clark@tomcat.gsfc.nasa.gov
 Organization: NASA Goddard Space Flight Center
 X-Mailer: Mozilla 3.0Gold (Win95; I)
 Mime-Version: 1.0
 To: aprssig@tapr.org
 Subject: Re: [APRSSIG:7289] Re: homemade patch antenna
 References: <2.2.32.19961215192049.0069a0dc@peak.org>
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Tyler Parsons wrote:

>
 > Where can one get the MINI-CIRCUITS MAR-6 preamp for construction of
 > a GPS patch antenna? In small quantities (1).
 >
 > Tyler Parsons PLS WB7DDL USMA '68
 > tparsons@peak.org Corvallis, Oregon
 > http://www.peak.org/~parsont/
 > Ray Bradbury: "We are an impossibility in an impossible universe."

Check MiniCircuits web site:

<http://www.minicircuits.com>

Instead of the older MAR-6 you might want to consider the newer ERA-3
 MMIC -- it has ~20 dB gain and better noise figure. You do have to
 use a different biasing resistor in the +Vcc line (MAR-6 typically
 uses ~100-120 ohms for +5v, ERA-3 needs ~39 ohms).

73, Tom

From clark@tomcat.gsfc.nasa.gov Tue Dec 17 00:09:23 1996
 Received: from leo.gsfc.nasa.gov (leo.gsfc.nasa.gov [128.183.77.20]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id AAA10698 for <aprssig@tapr.org>; Tue, 17 Dec 1996 00:09:20 -0600 (CST)
Received: from vlbi.gsfc.nasa.gov by leo.gsfc.nasa.gov; Tue, 17 Dec 1996 01:09:04 -0500
Message-Id: <32B638DF.5183@tomcat.gsfc.nasa.gov>
Date: Tue, 17 Dec 1996 06:08:31 +0000
From: "Tom Clark (W3IWI)" <clark@tomcat.gsfc.nasa.gov>
Reply-To: clark@tomcat.gsfc.nasa.gov
Organization: NASA Goddard Space Flight Center
X-Mailer: Mozilla 3.0Gold (Win95; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: TAC-2 & TripMate
References: <850693056-0-eac@shore.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Eric A. Cottrell wrote:

>
> Hello,
>
> But hacking is half the fun!
>
> Actually if someone wants all that stuff the "Jupiter" board that is
> the tripmate's big brother can be bought for about \$220.
>
> It is 5 volts DC power only and has 1 PPS output, antenna power input.
> external antenna connection, DGPS input and the lot.
>
> It is just a PC board with connector. You furnish the dc power regulator.
> antenna, MAXUM RS-232 chip, and case.
>
> 73 Eric eac@shore.net

You might want to scan the status report for my "Totally Accurate Clock" project on the TAPR web site:

<http://www.tapr.org/tapr/html/tac2.html>

The TAC-2 kit (Real! Soon! Now! [I hope]) has the power regulator, MAX232, etc and is intended (in part) as a "universal" mounting board for GPS receivers. It is designed for "plug 'n play" mounting of the Garmin GPS-20, Motorola ONCORE and Trimble SK-8 receivers, and it has solder pads and options for any other receiver you can think of.

It looks like we will/may be able to get the ONCORE VP and possibly the Trimble SK-8 receivers for about the price you mention for the Jupiter if there is any interest.

Regarding the power supply issues, the TAC-2 board has provisions to use either a grungy, common 7805 chip or a small switching supply as an option.

For those of you who are interested in the switching supply, the ones we are using are made by Power Trends and they have a web site at

<http://www.powertrends.com>

In particular, look at the PT5101 series 78xx drop-in replacements. They deliver ~80-85% conversion efficiency at up to 1 Amp load. They also have

a nice 1.5 Amp unit, the 78SR series that provides up to 1.5 amps. The TAC-2 will take either the PT5101 or 78SR regulator. The PT5101 is in stock (~\$12) at DigiKey:

<http://www.digikey.com>

Also, if you check all the right boxes on their web site and sound legit,

Power Trends will send you a catalog and a free sample!

73, Tom

73, Tom

From n5rkn@apex2000.net Tue Dec 17 00:21:14 1996

Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA11347 for <aprssig@tapr.org>; Tue, 17 Dec 1996 00:21:13 -0600 (CST)

Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with ESMTP id ca000782 for <aprssig@tapr.org>; Tue, 17 Dec 1996 00:23:33 -0600

Message-ID: <32B63BED.71F0@apex2000.net>

Date: Tue, 17 Dec 1996 00:21:33 -0600

From: Robert Jordan <n5rkn@apex2000.net>

Reply-To: n5rkn@apex2000.net

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7351] Re: Gateway TNC after AEA Demise?

References: <Pine.GSO.3.95.961216185007.23533A-100000@oso.slonet.org>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Clifford Buttschardt wrote:

>

> So who gives a good damn what RadioShack thinks! They have NEVER cared what ham radio is about and could care less!! Cliff K7RR

>

Jeez, Cliff. Get a grip. A long time ago, before Radio Shack was "Radio Shack", they had some pretty good amateur gear. Then, as they formed into Radio Shack, they had some interesting kits...you know.. build your own crystal radio. What a concept to today's hams! And one more observation. Can you name another store..readily available in most cities in the country where you can walk in and get a manual

to help "elmer" your friend..your neighbor..your spouse.. into amateur radio? I think not. Let's not even talk about their re-entry into the amateur market within the last 5 years with radio equipment. Or their 2mtr h/t which has an excellent receive front end.

No.. I don't work for Radio Shack, nor do I care for some of their products. I just don't like to see anyone get a bum rap without looking at all the facts and history. RS by far, is nothing more than a simplistic neighborhood electronics store for the "average consumer". Nothing more, nothing less. If you want quality Name Brand ham gear (key word..Name Brand), then you shop elsewhere. Though, I daresay that quite a few thousand hams out there are using RS h/t's with little problems. RS is, as most companies are, run by corporate decisions and marketing demands. If the demands show GPS to be worth their while, they will market it. If the market shows a major drop in sales of amateur gear, they will drop it...etc, etc.

So, in essence, your statement that "They have NEVER cared what ham radio is about and could care less" is a little unfair. You must have had some bad experiences with them. Live with it. I don't care for Yaesu, but I don't make a broad statement like that. There are too many Yaesu owners that have never had problems.

To the SIG: Sorry. Just had to get on the podium for a minute.

Thanks,

Robert

From eac@shore.net Tue Dec 17 06:23:05 1996

Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA27461 for <Aprssig@Tapr.Org>; Tue, 17 Dec 1996 06:23:03 -0600 (CST)

Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id HAA05878; Tue, 17 Dec 1996 07:23:02 -0500 (EST)

Received: from pm2-84 (pm2-84.lynnma.shore.net [204.167.109.84]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id HAA00288; Tue, 17 Dec 1996 07:23:00 -0500 (EST)

MIME-Version: 1.0

Date: Tue, 17 Dec 1996 07:32:36 -0400

To: clark@tomcat.gsfc.nasa.gov

cc: Aprssig@tapr.org

From: "Eric A. Cottrell" <eac@shore.net>

Subject: Re: [APRSSIG:7360] Re: Tripmate ext. antenna?

Message-Id: <850825956-0-eac@shore.net>

X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes

Content-Type: text/plain; charset=ISO-8859-1

Content-Id: <850825956-1-eac@shore.net>

Content-Transfer-Encoding: 8bit

Hello,

If you look on the back side of the tripmate board the capacitor and choke are there. The choke connects to the RF chip and I believe that the power feeds through the RF chip for some reason. It may be possible to figure out the input pin.

73 Eric eac@shore.net WB1HBU

From gwyn@paccomm.com Tue Dec 17 07:19:36 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA29839 for <aprssig@tapr.org>; Tue, 17 Dec 1996
07:19:33 -0600 (CST)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vZzQi-000FSAC; Tue, 17 Dec 96 08:19 EST
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBEBF3.1CFDDC80@gwyn.paccomm.com>; Tue, 17 Dec 1996 08:20:07 -0500
Message-ID: <01BBEBF3.1CFDDC80@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: RE: [APRSSIG:7314] Re: AEA demise.. TNC's
Date: Tue, 17 Dec 1996 08:20:06 -0500
Encoding: 46 TEXT

The remote commanding is coded and in preliminary testing. Not too much longer now.

From: Sam Nabkey, K8SN[SMTP:snabkey@k8sn.org]
Sent: Monday, December 16, 1996 12:24 AM
To: aprssig@tapr.org
Subject: [APRSSIG:7314] Re: AEA demise.. TNC's

On 15 Dec 96 at 16:43, schiers@ames.net wrote:

> I would buy from Gwyn in a second if he had the product. The
> only reason I hadn't mentioned PacComm was because they don't list,
> nor have I ever heard mentioned any dual port hf/vhf tnccs, much less
> simultaneous operation.
>
> there is a vacuum in the market now, with only one vendor,
> Kantronics. I would much rather do business with Gwyn. They
> have been first rate with me, and I love their products.
>
> hasan schiers, NOAN
> -----
> schiers@ames.net
> -----
>

Don't forget REMOTE SYSOP stuff too. For those remote hilltop Stand
Alone Weather Stations and DIGI's that require a new BT or something
once in a while. This would also be handy for those Stand Alone
Trackers that get away without the right BT to display a symbol
during an event, had that before.

Of course that might not be in a Dualport model but maybe in the
unit that has two Serial Ports.

that before.

Sam Nabkey - K8SN (at home)
Internet: snabkey@k8sn.org
amprnet: k8sn@w8dc.ampr.org
WWW: <http://www.k8sn.org>
AX.25: K8SN@W8DC.#SWMI.MI.USA.NOAM
Java APRS: <http://www.k8sn.org/javAPRS>
Fresh APRS Files: FTP <ftp.k8sn.org>

From garnold@naples.net Tue Dec 17 08:06:50 1996
Received: from gator.naples.net (gator.naples.net [205.160.191.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA02233 for <aprssig@tapr.org>; Tue, 17 Dec 1996
08:06:49 -0600 (CST)
Received: from port36.annex1.naples.net (port36.annex1.naples.net
[205.160.191.132]) by gator.naples.net (8.6.9/8.6.12) with SMTP id JAA20536 for
<aprssig@tapr.org>; Tue, 17 Dec 1996 09:06:54 -0500
Message-ID: <32B719CE.1376@naples.net>
Date: Tue, 17 Dec 1996 14:08:14 -0800
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7334] Re: APRS/Java ..
References: <199612162146.QAA25162@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> >Netscape announced a beta version of Netscape Navigator 3.01 with Java
> >support for Windows 3.1 on December 16. See: <http://home.netscape.com/>
>
> If someone tries javAPRS with this, please let me know either way. My
> hopes aren't too high, javAPRS and first betas of Netscape have a poor
> track record...
>
> Steve K4HG

Must agree with Steve on first versions of betas. Even the Netscape
site has some caveats on this one...JPGs don't display right they
say...audio is not active...LiveConnect and a couple of other functions
don't work...it's also crash prone in Java according to Barksdale's
boys.

They'll probably get it fixed in the near future...but (if I wasn't
using Gold) I'd wait a version or two.

Would be interested in hearing what the brave find if you try it!

73,
Gary
--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "<http://www.naples.net/govern/county/emrgmt/zccem1.htm>"
Personal page: "<http://www.naples.net/govern/county/emrgmt/garnold.htm>"

"I went to a restaurant that serves 'breakfast at any time'. I ordered French Toast during the Renaissance."

-- Steven Wright, periphrastical visionary

From aa0mm@cjnetworks.com Tue Dec 17 09:07:00 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA04980 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:06:58 -0600 (CST)
Received: from LOCALNAME (Port58.cjnetworks.com [206.52.158.67]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id JAA25584 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:06:13 -0600 (CST)
Message-ID: <32B6D423.3089@cjnetworks.com>
Date: Tue, 17 Dec 1996 09:10:59 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7334] Re: APRS/Java ..
References: <199612162146.QAA25162@newworld.bridge.net>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Steve Dimse wrote:

>
> >Netscape announced a beta version of Netscape Navigator 3.01 with Java
> >support for Windows 3.1 on December 16. See: <http://home.netscape.com/>
>
> If someone tries javAPRS with this, please let me know either way. My
> hopes aren't too high, javAPRS and first betas of Netscape have a poor
> track record...
>
> Steve K4HG

I have it loaded on my PC. I am not sure what you are referring to, with APRS JAVA..., however, I have tried to use it on live APRS sites, with no success. It just tells me that the browser does not have JAVA capability. I was wondering about the same thing...

What are you all using for JAVA to view the live APRS sites?? JAVA is very new to me, and I know very little about it..
Take Care De AAÿMM Ross.

From bruninga@nadm.navy.mil Tue Dec 17 09:15:28 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA05118; Tue, 17 Dec 1996 09:15:19 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA08914; Tue, 17 Dec 1996 10:20:21 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Tue, 17 Dec 1996 10:20:21 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: Larry Keeran <lkeeran@rs6000.cmp.ilstu.edu>, wa0cqg@tapr.org
cc: aprssig@tapr.org, wd5ivd@tapr.org
Subject: Re: North American Digital System Directory
In-Reply-To: <v03007801aedb27fa5734@[138.87.2.109]>
Message-ID: <Pine.GS0.3.95.961217095819.3647E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

When you build the North American Digital System database please be sure to require the following data fields:

CALL
LAT/LONG (format DDMM.HH/DDMM.HH)
SYSTEM TYPE (Digi, Node, DXcluster, Gateway, etc)
POWER (in watts)
HAAT (in feet)
ANT GAIN (in dB)
DIRECTIVITY (Azimuth if not OMNI)
FREQ (in MHz)
COMMENTS (28 characters max)

Remember that a file in the following format can be VIEWED by APRS graphically on any APRS map as a user's aid which not only shows the location and type of digital system, but also radio range!

p,WB4APR-1 111111 !111111/3859.11N/07629.11W#PHG2463/Annapolis

This line will plot the symbol for a DIGIpeater to the nearest 60 feet nationwide showing a radio range circle favoring the southeast calculated using the HAAT and antenna gain plus POWER. The power, height, gain, and directivity are all encoded in the PHG2463 format.

Users should be able to Query your database and get a file generated in the above format according to the following categories:

BY STATE
BY RANGE from a given LAT/LONG
BY TYPE: Ie, NODE, DIGI, CLUSTER, GATEWAY, etc
BY FREQ

Then anyone can read that file into APRS and *see* on the maps the locations, ranges, and overlaps of these systems!

For an example, LOAD any of the following APRS backup files and see where all the APRS digipeaters are or GATEways:

DIGI-E.bk DIGI-W.bk DIGI-SE.bk GATES.bk

From aa0mm@cjnetworks.com Tue Dec 17 09:17:36 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA05181 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:17:34 -0600 (CST)
Received: from LOCALNAME (Port58.cjnetworks.com [206.52.158.67]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id JAA26629 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:16:49 -0600 (CST)
Message-ID: <32B6D69F.4A9E@cjnetworks.com>
Date: Tue, 17 Dec 1996 09:21:35 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7345] Rad Shack...
References: <32B6165B.661B@amsat.org>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Paul Stump wrote:

>
> Richard Amirault wrote:
>
> > Give them time ...
>
> That COULD sound like inside information...
>
> Anyone have insight on their new WX staion? What kind of
> data does it spit out? Can it work with APRS?
>
> My 3-year-old Ultimeter II now has erratic wind speed
> readings and is plagued by HF transmission RFI.
>
> --
> 73, Paul, n0lrif@amsat.org
Paul,

Know nothing about Radio Shack WX plans. However, the Peet units can pick up HF RF... Peet Bros. have a filter available for the problem. Check out PEETBROS.COM for availability and pricing. We have a U-2000 at EOC, and had the same RF problem. In addition they have a filter for the Sensor lines cable, to avert static and RF from coming in through those. They also have a filter to go between the PC serial port, and the keyboard unit. I had an old PC that would spike out the Keyboard unit,

via the PC serial port, until I put one of those in line. Since that, we have put in a newer PC, with no problems.

Take Care De AAÿMM

From bruninga@nadm.navy.mil Tue Dec 17 09:43:02 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA06463 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:42:59 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA13602 for <aprssig@tapr.org>; Tue, 17 Dec 1996 10:48:16 -0500 (EST)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Tue, 17 Dec 1996 10:48:15 -0500 (EST)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: DFjr and HSP adapter etc

In-Reply-To: <32B61F70.9B3@cris.com>

Message-ID: <Pine.GS0.3.95.961217104428.3647I-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

When in my DOCS I said to use HSP if using a Pico, this assumed that the GPS was connected to the Pico and not to the DFjr.

So, if GPS is connected to the multiport adapter, then the DFjr is doing the posit reporting. It should be in the OPERATOR PUSH button mode, though... IE, only a posit and a bearing are reported when the operator pushes the button...

Sorry, I just havent had the time to put it all together and go mobile!
"I feel your pain".... You are helping us all....

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From ksproul@hardees.rutgers.edu Tue Dec 17 09:46:37 1996

Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA06573 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:46:35 -0600 (CST)

Received: (from ksproul@localhost) by hardees.rutgers.edu (8.6.12+bestmx+oldruq+newsunq/8.6.12) id KAA08314 for aprssig@tapr.org; Tue, 17 Dec 1996 10:46:34 -0500

Sender: Keith Sproul <ksproul@hardees.rutgers.edu>

Date: Tue, 17 Dec 96 10:46:34 EST

From: Keith Sproul <ksproul@hardees.rutgers.edu>

Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>

To: aprssig@tapr.org

Subject: Radio Shack WX Station

Message-ID: <CMM-RU.1.5.850837594.ksproul@hardees.rutgers.edu>

> Anyone have insight on their new WX staion? What kind of
> data does it spit out? Can it work with APRS?
>

We (the Sproul Bros and Bob) have plans to add the Radio Shack weather station AS SOON AS WE CAN GET ONE AND ITS DOCUMENTATION!

We had heard a rummor a LONG time ago that we would get 'free' units so that we could write the software. As of yet, nothing..

If anyone has more info on these units, PLEASE let us know...

Keith

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From aa0mm@cjnetworks.com Tue Dec 17 09:46:48 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA06597 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:46:46 -0600 (CST)
Received: from LOCALNAME (Port58.cjnetworks.com [206.52.158.67]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id JAA29693 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:46:01 -0600 (CST)
Message-ID: <32B6DD69.3EDA@cjnetworks.com>
Date: Tue, 17 Dec 1996 09:50:33 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7364] Re: Gateway TNC after AEA Demise?
References: <32B63BED.71F0@apex2000.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Robert Jordan wrote:

>
> Clifford Buttschardt wrote:
> >
> > So who gives a good damn what RadioShack thinks! They have NEVER cared what ham radio is about and could care less!! Cliff K7RR
> >
> Jeez, Cliff. Get a grip. A long time ago, before Radio Shack was
> "Radio Shack", they had some pretty good amateur gear. Then, as they
> formed into Radio Shack, they had some interesting kits...you know..
> build your own crystal radio. What a concept to today's hams! And
> one more observation. Can you name another store..readily available
> in most cities in the country where you can walk in and get a manual
> to help "elmer" your friend..your neighbor..your spouse.. into

> amateur radio? I think not. Let's not even talk about their re-entry
> into the amateur market within the last 5 years with radio equipment.
> Or their 2mtr h/t which has an excellent receive front end.
> No.. I don't work for Radio Shack, nor do I care for some of their
> products. I just don't like to see anyone get a bum rap without looking
> at all the facts and history. RS by far, is nothing more than a
> simplistic neighborhood electronics store for the "average consumer".
> Nothing more, nothing less. If you want quality Name Brand ham gear
> (key word..Name Brand), then you shop elsewhere. Though, I daresay
> that quite a few thousand hams out there are using RS h/t's with little
> problems. RS is, as most companies are, run by corporate decisions
> and marketing demands. If the demands show GPS to be worth their while,
> they will market it. If the market shows a major drop in sales of
> amateur gear, they will drop it...etc, etc.
> So, in essence, your statement that "They have NEVER cared what ham
> radio is about and could care less" is a little unfair. You must have
> had some bad experiences with them. Live with it. I don't care for
> Yaesu, but I don't make a broad statement like that. There are too
> many Yaesu owners that have never had problems.
> To the SIG: Sorry. Just had to get on the podium for a minute.
> Thanks,
> Robert

I live in a smaller town of 3200. We had a Radio Shack, which was
managed by an Amateur OP. The RS went out of business. Now I have to
drive 30 Miles if I need so much as a Resistor or Cap. Never owned a RS
radio product, but I SURE MISS THE ONE WE HAD! I just chalk it up to "We
all have to eat".

De Ross

From bruninga@nadm.navy.mil Tue Dec 17 09:48:26 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA06870 for <aprssig@tapr.org>; Tue, 17
Dec 1996 09:48:24 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id KAA14435 for <aprssig@tapr.org>; Tue, 17 Dec 1996
10:53:41 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Tue, 17 Dec 1996 10:53:41 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7348] Re: Smallest gps-ant-tx..??
In-Reply-To: <9612170211.AA47522@ecua.net.ec>
Message-ID: <Pine.GS0.3.95.961217105138.3647K-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Dec 1996, teodoro jaramillo wrote:

> Local CIlvil Defense has requested since I am only Ham running
> APRS-GPS in Ecuador, that I supply the possibility of acquiring
> the "smallest-light weight GPS ANT AND A TX VHF OR UHF TX
> to fly it on a 1/4 scale r/c model plane...

APRSDOS REPLY/COMMENT: The TNC can be replaced with the MIM (see aprs file TELEMTRY.txt which is now a 1 cubic inch TNC transmitter with 5 analog inputs and 8 digital bit inputs plus NMEA GPS transmit if a GPS is attached...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From ccdapple@wtp.net Tue Dec 17 09:57:11 1996
Received: from mailsrv2.pcy.mci.net (mailsrv2.pcy.mci.net [204.71.1.40]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA07376 for <aprssig@tapr.org>; Tue, 17 Dec 1996 09:57:09 -0600 (CST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10044) id <01ID44CJTG5S9FND43@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Tue, 17 Dec 1996 10:56:48 -0500 (EST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10044) id <01ID44CA9QXS9FNEPZ@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Tue, 17 Dec 1996 10:56:14 -0500 (EST)
Received: from wtp1-6.wtp.net by wtpprod1.wtp.net; (5.65/1.1.8.2/19Aug95-0853PM) id AA15521; Tue, 17 Dec 1996 08:55:54 -0700
Date: Tue, 17 Dec 1996 08:58:19 -0700
From: Chris Dapples <ccdapple@wtp.net>
Subject: HF station up
To: aprssig@tapr.org
Reply-to: ccdapple@wtp.net
Message-id: <32B6C31B.40C7@wtp.net>
MIME-version: 1.0
X-Mailer: Mozilla 3.01 (Win95; I)
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi All KF7KN here in Red Lodge Montana,

I have just started an HF APRS station. I see over two dozen HF stations on my us map. But, I am wondering if I show up on anyone else's aprs map?

73, Chris / KF7KN
ccdapple@wtp.net

From n0ykx@juno.com Tue Dec 17 10:16:26 1996
Received: from x12.boston.juno.com (x12.boston.juno.com [205.231.101.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA08849 for <aprssig@tapr.org>; Tue, 17 Dec 1996 10:16:21 -0600 (CST)
Received: (from n0ykx@juno.com) by x12.boston.juno.com (queuemail) id LVA02407; Tue, 17 Dec 1996 11:15:28 EST
To: aprssig@tapr.org
Subject: Re: Turning off P1 on DSP2232
Message-ID: <19961217.101230.15294.0.n0ykx@juno.com>
References: <199612132355.XAA146224@smtp-gw01.ca.us.ibm.net>
X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 0,2-9,11-14
From: n0ykx@juno.com (Bob Powers)
Date: Tue, 17 Dec 1996 11:15:28 EST

On Fri, 13 Dec 1996 18:01:39 -0600 (CST) Tony Drumm <TonyDrumm@ibm.net>
writes:

>BTW - is there some way to eliminate the "p1:" that precedes every
>packet
>received on the 2232? We have one at a club station and when I've

Tony,

On the Pk900 you use the command "UBIT 19 OFF" to turn off the p1/p2
prompt. I am not sure if it's the same for the 2232 or not.

Bob - N0YKX
bob@ia-ngnet.army.mil

From ksproul@hardees.rutgers.edu Tue Dec 17 10:33:43 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA10280 for <aprssig@tapr.org>; Tue, 17 Dec 1996
10:33:41 -0600 (CST)
Received: (from ksproul@localhost) by hardees.rutgers.edu
(8.6.12+bestmx+oldruq+newsunq/8.6.12) id LAA11175 for aprssig@tapr.org; Tue, 17
Dec 1996 11:32:32 -0500
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Tue, 17 Dec 96 11:32:31 EST
From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org
Subject: p1 on 2232 and pk900
Message-ID: <CMM-RU.1.5.850840351.ksproul@hardees.rutgers.edu>

>BTW - is there some way to eliminate the "p1:" that precedes every
>packet
>received on the 2232? We have one at a club station and when I've

If you are using WinAPRS or MacAPRS, the P1 and P2 are VERY important if you
are running dual-port mode.. This lets the software know where the packet came
from and allows the packets to be flagged Blue(VHF) or Red(HF)..

Keith

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From N2ZRC@gnn.com Tue Dec 17 11:06:39 1996

Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA12642 for <aprssig@tapr.org>; Tue, 17 Dec 1996 11:06:38 -0600 (CST)

Received: from 36-151.client.gnn.com. (32-220.client.gnn.com [205.188.32.220]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id MAA29915 for <aprssig@tapr.org>; Tue, 17 Dec 1996 12:05:51 -0500 (EST)

Message-Id: <199612171705.MAA29915@mail-e2b.gnn.com>

X-Mailer: GNNmessenger 1.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Tue, 17 Dec 1996 12:03:53

From: N2ZRC@gnn.com (Arte Booten)

To: aprssig@tapr.org

Subject: Radio Shack (was Re: Gateway TNC after AEA Demise?)

Hi All,

On Tue, 17 Dec 1996 Robert Jordan replied to Clifford Buttschardt who wrote:

>>So who gives a good damn what RadioShack thinks! They have NEVER cared what ham
>>radio is about and could care less!!

to which Robert replied:

>A long time ago ... they had some pretty good amateur gear ... their 2mtr h/t
which
>has an excellent receive front end ... quite a few thousand hams out there are
using
>RS h/t's with little problems.

I readily agree that "Rat Shack" is convenient, has a fairly wide selection of parts and doodads and is available. I also agree that the HTX-202/404 combo are very good radios for the money. The problem I (and many of us urban types) have has to do with "theory" and "reality." Tandy Corporation's "Official" policy is that it is against company rules to knowingly sell something to somebody that will be used for an unlawful purpose. In this case, selling an H-T to an unlicensed individual when that customer is going to be using it to transmit on the amateur bands without a license. About a year ago there was a message on the PBBS's from an RS executive (I forget who or what he was) stating this and that employees that did sell such equipment under these circumstances were subject to dismissal. That's the theory, anyway.

Of course reality is another thing. Mr. R. F. Jama walks into Radio Shack and has two hundred and sixteen dead presidents with him. He sees this cool-looking

wal-
lie-talkie and says "I'll take it." Plop, in the bag, charge the battery and key up!
If the Sales Associate asks if the customer has a license (yeah, right!) all he has to say is "It's a gift," or "I'm studying for the test," and Radio Shack (and the employee) is off the hook. And we are left with someone who transmits wherever he sets the VFO, using any kind of language he likes and cusses you out and threatens you and your interference committee with bodily harm when you challenge him (since ham radio is supposed to be and, considering the FCC's enforcement of late, self-policing.)

As far as I'm concerned, I welcome Radio Shack's apparent stepping back from the source of their name. I'll never forget the conversation I had with a "station" who identified himself as "KB2GEORGE" some months back, almost none of which I'd care to repeat. But I know exactly which "Rat Shack" he, and his compadres, bought their HTX-202's from.

>RS is, as most companies are, run by corporate decisions and marketing demands.
If
>the market shows a major drop in sales of amateur gear, they will drop it...

Yes, exactly. If we, LICENSED Amateur Radio operators, as a group, decided not to buy HTX-202's AND Radio Shack were to ask to see a customer's license when Mr. Jama plunks his cash on the counter, they'd drop it like a hot potato. But I sometimes wonder what percentage of those units are actually sold to those licensed to use them.

Don't get me wrong. I LIKE Radio shack for all the reasons Robert explained and more. My bug isn't with them. It is with the AVAILABILITY of the HTX-202 to anyone that walks in the door. Remove that temptation from them and we may find a bit more civility and knowledge on our already overcrowded two-meter band. Let them buy some "Chicken Band" or GMRS radio to play with.

Robert, I hope you don't think this is a personal attack on you, 'cause it isn't and please don't take it as such. This is a touchy subject for those of us that have lived with this situation and tried (ineffectually) to correct it.

"Shields engaged and configured for heat dissipation."

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From gbaumgartner@mail.cybg.com Tue Dec 17 11:52:12 1996
Received: from qjr (qjr.cybg.com [199.227.69.66]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id LAA15442 for <aprssig@tapr.org>; Tue, 17 Dec 1996 11:52:10 -0600
(CST)
From: gbaumgartner@mail.cybg.com
Message-Id: <9612171751.AA22247@mail.cybg.com>
Subject: Re: \$GPRMC Sentences
To: bbliss@juno.com (William B. Bliss)
Date: Tue, 17 Dec 1996 17:51:18 +0000 (GMT)
Cc: gbaumgartner@mail.cybg.com, aprssig@tapr.org, wb4apr@amsat.org
In-Reply-To: <19961216.173403.2287.1.bbliss@mail.cybg.com> from "William B. Bliss"
at Dec 16, 96 08:34:19 pm
Reply-To: Gerry.Baumgartner@mail.cybg.com
X-Mailer: ELM [version 2.4 PL24]
Content-Type: text

> Attn SIGars,
>
> My apologies for the big typing error, please forgive an
> ageing old man, with artheritic fingures and poor eyesight.
> The examples that appeared in error was due to my typing.
>
> NO bug in Dos APRS. Mistakes happen. (CACA PASA) .
>
> Below are some exact examples off the air as transmitted
> packets, and my typed in as appears on the APRS Position
> log file.. Both RMC and GGA sentences..
>
> Hope this corrects your doubts... Sorry ...

Sorry, it doesn't. Take a look at the POSIT log for W7KKE-15, below.
Is that supposed to be "30." as opposed to "030"? I'm not sure,
but is it possible for dosAPRS to save the raw packet texts as well as
put out the posit reports?

> Packet texts off the air as sent:
>
> W7KKE-15>WIDE*>WIDE>GATE>GATE>WIDE>APRS:
> \$GPRMC,000100,A,3734.19,N,12215.95,W,22.1,225.0,171296,16.,E*5E
>
> K06JR-9>WIDE*>WIDE>APRS:
> \$GPRMC,000303,A,3758.924,N,12220.325,W,000.0,173.1,161296,015.8,E*66

```

>
> W1CDM>WIDE>WIDE>GATE>GATE*>WIDE>APRS:
> $GPGGA,001453,3249.337,N,11657.777,W,1,6,001.3,118,M,-035,M,,*7C
>
> KE6KEQ-9>WIDE*>WIDE>APRS:
> $GPGGA,003518,3756.896,N,12230.758,W,1,07,1.1,-11.8,M,-27.8,M,,*65
> -----
> On APRS posit log, different position than above.
>
> W7KKE-15 161642 @170042Z3734.25N/12215.02Wv044/30./raw*RMC Fix
>
> K06JR-9 161648 @170048z3759.17N/12219.99W>331/008/raw*/RMC Fix
>
> W1CDM 161634 @170034z3249.33N/11657.77W/GGA/NUL/raw*/GGA FIX/A=000383
> -----

```

Here is a sample from a history file of a flight by one of our CAP aircraft. Some posits look good, others do not. Unfortunately I don't have the raw NEMA sentences to attempt to determine what might have gone wrong.

Note in some cases both the course and speed exhibit a decimal point which I don't believe should be there.

```

IL1133 061649 @062157z4225.55N/08821.01W3234/106/raw*/good RMC Fix/A=002156
IL1133 061649 @062158z4224.69N/08822.05W3GGA/NUL/raw*/Last gps fix/A=002022
IL1133 061651 @062159z4224.77N/08824.19W3213/84./raw*/good RMC Fix/A=002022
IL1133 061736 @062245z4222.53N/08820.52W3GGA/NUL/raw*/good GGA FIX/A=001655
IL1133 061737 @062246z4221.87N/08819.54W3159/103/raw*/good RMC Fix/A=001655
IL1133 061738 @062246z4221.73N/08819.74W3GGA/NUL/raw*/good GGA FIX/A=002153
IL1133 061739 @062247z4221.90N/08820.03W397./96./raw*/good RMC Fix/A=002153
IL1133 061740 @062249z4221.29N/08820.24W390./89./raw*/good RMC Fix/A=002153
IL1133 061741 @062250z4219.94N/08820.14W3GGA/NUL/raw*/good GGA FIX/A=001844
IL1133 061743 @062251z4218.67N/08819.89W3GGA/NUL/raw*/good GGA FIX/A=001636

```

I think Bob is looking in to it, and I await his conclusions.

--

Gerry Baumgartner
Gerry.Baumgartner@mail.cybg.com

From joefoor@digitalexp.com Tue Dec 17 11:57:32 1996
Received: from mail.digitalexp.com (backup.digitalexp.com [204.49.137.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA15779 for <aprssig@tapr.org>; Tue, 17 Dec 1996 11:57:31 -0600 (CST)
Received: from joefoor ([204.49.137.56]) by mail.digitalexp.com (post.office MTA v1.9.3b evaluation license) with SMTP id AAA135 for <aprssig@tapr.org>; Tue, 17 Dec 1996 11:58:20 -0600
Message-ID: <32B6DD5A.782E@digitalexp.com>
Date: Tue, 17 Dec 1996 11:50:18 -0600
From: joefoor@digitalexp.com (Foor, Joe)
Reply-To: joefoor@digitalexp.com
X-Mailer: Mozilla 3.01 (Win95; U)

MIME-Version: 1.0
To: APRSSig <aprssig@tapr.org>
Subject: Peet Bros. U-500
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All;

I got my U-500 set up with a KPC-3 as a remote WX station (after many false starts) and it displays fine on APRSdos.

What do I have to do to make it show up properly in WinAPRS? So far, WinAPRS calls it a GPS station, with a weather symbol, with no wind indicator and always zero for temperature. The KPC-3 is setup in CONVERSE mode like the APRSdos documents say.

I tried searching the list archives, but didn't find anything about this problem with the U-500.

here's what my transmitted packets are:

KF4DYS-1>BEACON:!3054.65N/08528.34W_PHG7267/WIDE-RELAY & U-500
KF4DYS-1>APRS:\$ULTW008A00CD02140000----000000000000----015F02C10064

TIA
Joe kf4dys

From eac@shore.net Tue Dec 17 12:02:37 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA16032 for <aprssig@tapr.org>; Tue, 17 Dec 1996 12:02:35 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id NAA14481; Tue, 17 Dec 1996 13:02:31 -0500 (EST)
Received: from pm2-80 (pm2-80.lynnma.shore.net [204.167.109.80]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id NAA28405; Tue, 17 Dec 1996 13:02:27 -0500 (EST)

MIME-Version: 1.0
Date: Tue, 17 Dec 1996 13:12:03 -0400
To: amsat-bb@amsat.org, aprssig@tapr.org, bitbucket@primenet.com, ham-tech@majordomo.netcom.com
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Tripmate GPS FAQ available
Message-Id: <850846324-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <850846324-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

My Delorme Tripmate GPS FAQ is now visible on Peter Bennett's Web page. It is in the "Street Atlas and AutoMap Interface Programs"

sections. The URL is:

<ftp://sundae.triumf.ca/pub/peter/index.html>

and my thanks to Peter Bennett for posting it.

I finally got a copy of the Zodiac serial documentation so I am going to be expanding the file soon with some more sample NMEA sentences. Input is welcome as this is my first faq file and there are still alot of gaps.

73 Eric eac@shore.net WB1HBU

From ksproul@hardees.rutgers.edu Tue Dec 17 12:20:32 1996

Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA17184 for <aprssig@tapr.org>; Tue, 17 Dec 1996 12:20:30 -0600 (CST)

Received: (from ksproul@localhost) by hardees.rutgers.edu

(8.6.12+bestmx+oldruq+newsunq/8.6.12) id NAA19227; Tue, 17 Dec 1996 13:20:28 -0500

Sender: Keith Sproul <ksproul@hardees.rutgers.edu>

Date: Tue, 17 Dec 96 13:20:28 EST

From: Keith Sproul <ksproul@hardees.rutgers.edu>

Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7380] Peet Bros. U-500

In-Reply-To: Your message of Tue, 17 Dec 1996 12:05:20 -0600 (CST)

Cc: joefoor@digitalexp.com

Message-ID: <CMM-RU.1.5.850846828.ksproul@hardees.rutgers.edu>

>What do I have to do to make it show up properly in WinAPRS? So far,
>WinAPRS calls it a GPS station, with a weather symbol, with no wind
>indicator and always zero for temperature. The KPC-3 is setup in
>CONVERSE mode like the APRSdos documents say.

You need to use the DATA format that starts with "!!" to make it work with WinAPRS and MacAPRS..

I will also look at making it work with the sentence you mentioned (\$ULTWO..)

Keith

Keith Sproul

Student Housing Network Coordinator

Rutgers University Computing Services

<http://www-ns.rutgers.edu/~ksproul/>

Ham Radio: WU2Z

ksproul@noc.rutgers.edu

908 445-3695 Work 908 445-2968 Fax

908 821-4828 Home

From wa8inz@concentric.net Tue Dec 17 12:25:35 1996

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id MAA17402 for <aprssig@tapr.org>; Tue, 17 Dec 1996

12:25:32 -0600 (CST)

Received: from LOCALNAME (61039d0011at.concentric.net [206.173.85.215])
by cliff.cris.com (8.8.3/(96/11/08 1.11))
id NAA09732; Tue, 17 Dec 1996 13:25:30 -0500 (EST)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Message-ID: <32B701B9.516A@concentric.net>

Date: Tue, 17 Dec 1996 12:25:29 -0800

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7378] Radio Shack (was Re: Gateway TNC after AEA Demise?)

References: <199612171705.MAA29915@mail-e2b.gnn.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Arte Booten wrote:

>
> Hi All,
>
> On Tue, 17 Dec 1996 Robert Jordan replied to Clifford Buttschardt who wrote:
>
> >>So who gives a good damn what RadioShack thinks! They have NEVER cared what
ham
> >>radio is about and could care less!!
>
> to which Robert replied:
>
> >A long time ago ... they had some pretty good amateur gear ... their 2mtr h/t
which
> >has an excellent receive front end ... quite a few thousand hams out there are
using
> >RS h/t's with little problems.
>

Some Snipping here.

>
> Don't get me wrong. I LIKE Radio shack for all the reasons Robert
explained and
> more. My bug isn't with them. It is with the AVAILABLILITY of the HTX-202 to
anyone
> that walks in the door. Remove that temptation from them and we may find a bit
more
> civility and knowledge on our already overcrowded two-meter band. Let them buy
some
> "Chicken Band" or GMRS radio to play with.
>
> Robert, I hope you don't think this is a personal attack on you, 'cause it
isn't
> and please don't take it as such. This is a touchy subject for those of us that

have
> lived with this situation and tried (ineffectually) to correct it.
>
> "Shields engaged and configured for heat dissipation."
>
> Mr. Arte Booten (N2ZRC @ gnn.com)
> Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA
>
> Cruise Missile Coordinates 4052.71N/07354.06W
>
> .. Coordinates laid in. Engaging at warp six ...

Well sorry but i HAD to answer and throw in my 10 cents. A few years back i bought a brand new computer system from them in a sealed box. When i got home and unpacked the system i noticed the keyboard was dirty like it had been in use for a while inspecting the rest of the system showed the same story. I repackaged the system and took it back to the Rat Shack. The salesman insisted it was new and only had the dirty keyboard because they burn in all their systems (YA RIGHT). Just then i turned around and noticed someone coming out of a back room and he left the door open, in that room where about 30 computers when it hit me (A class room) that they called a burn in room (AGAIN YA RIGHT). They did take back the system. I called the main office in Texas and finally got to talk to the person on top, he said that this is standard practice at radio shack and that there's nothing illegal about doing that. In other words most of their equipment may or may not be even new, in fact this has happened to many people i know.

I rarely go to Radio Shack anymore (Thank you).

--

\\///
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

From sproul@ap.org Tue Dec 17 12:46:02 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id MAA18664 for <aprssig@tapr.org>; Tue, 17 Dec 1996 12:46:00 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id NAA29308; Tue, 17 Dec 1996 13:39:37 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007809aedc972bf443@[165.1.27.20]>
In-Reply-To: <32B6DD5A.782E@digitalexp.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 17 Dec 1996 13:31:02 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7380] Peet Bros. U-500
Cc: joefoor@digitalexp.com

>Hi All;
>
>I got my U-500 set up with a KPC-3 as a remote WX station (after many
>>false starts) and it displays fine on APRSdos.
>
>What do I have to do to make it show up properly in WinAPRS? So far,
>WinAPRS calls it a GPS station, with a weather symbol, with no wind
>indicator and always zero for temperature. The KPC-3 is setup in
>CONVERSE mode like the APRSdos documents say.
>

>here's what my transmitted packets are:
>
>KF4DYS-1>BEACON:!3054.65N/08528.34W_PHG7267/WIDE-RELAY & U-500
>KF4DYS-1>APRS:\$ULTW008A00CD02140000----000000000000----015F02C10064
>
>TIA
>Joe kf4dys

We will take a look at it asap and make sure it works correctly. If it
doesnt, we will have it fixed ASAP.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sproul@ap.org Tue Dec 17 12:46:04 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id MAA18673 for <aprssig@tapr.org>; Tue, 17 Dec 1996 12:46:02 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id NAA29311; Tue, 17 Dec 1996 13:39:40 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780aaedc98d257af@[165.1.27.20]>
In-Reply-To: <32B5E9AD.6C89@netwide.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 17 Dec 1996 13:41:58 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: QRZ Index File
Cc: ke4sop@netwide.net, N2ZRC@gnn.com

>
>>Does someone know the file name and the URL of where I can obtain the QRZ
>>index file
>>for WINAPRS?
>
> According to the DOCs for WinAPRS 1.17, QRZ ought to work. I set it
>up on my
>machine (I'm using QRZ ver 7) and it doesn't. At least, not for me.
>Let's see what
>The Brothers Sproul have to say though. 73
>

QRZ and SAMs CD-ROMs require an Index file, Buckmaster does also, but we supply the index file to them BEFORE they go to press so it is ON the CD-ROM (thats why we really like Buckmaster).

In order for QRZ and SAMs to work, the index file must be the RIGHT one for the version of the CD-ROM that YOU are using, this of course is a pain for us to keep up to date with. MacAPRS has always had the ability for the USER to create the index file. Over the weekend I finally got that code working under Windows, so the NEXT release of WinAPRS WILL have the ability to generate the index files for QRZ and SAMS.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bruninga@nadn.navy.mil Tue Dec 17 13:10:25 1996
Received: from btc1 (btc1.up.net [205.242.56.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA20212 for <aprssig@tapr.org>; Tue, 17 Dec 1996 13:10:22 -0600 (CST)
Received: from nb1-122.up.net by btc1 (5.x/SMI-SVR4) id AA07406; Tue, 17 Dec 1996 14:08:10 -0500
Message-Id: <9612171908.AA07406@btc1>
X-Sender: jswift@mail.up.net

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 17 Dec 1996 14:11:01 -0500
To: aprssig@tapr.org
From: Bob Bruninga <bruninga@nadn.navy.mil> (by way of jack swift <jswift@up.net>)
Subject: Re: qbasic availability

On Tue, 17 Dec 1996, jack swift wrote:

> I decided to check the price of QB version 4.5 ---- can't find it
anywhere!!!

APRSDos REPLY/COMMENT: If Microsoft is truly no longer selling or
supporting QB.exe then is it legal to share it or post it? QB is the big
brother of QBASIC.exe included in all DOS operating systems and is needed
to run the source code for MAPFIX.. Any legal opinions? Im sure it is
still copyrighted etc... but what the heck...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From khufford@erols.com Tue Dec 17 13:31:57 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA21228 for <aprssig@tapr.org>; Tue, 17
Dec 1996 13:31:55 -0600 (CST)
Received: from khufford.dot.gov ([152.120.98.42]) by smtp1.erols.com (8.7.5/8.7.3)
with ESMTP id OAA05023 for <aprssig@tapr.org>; Tue, 17 Dec 1996 14:31:54 -0500
(EST)
Message-Id: <199612171931.OAA05023@smtp1.erols.com>
From: "Kent Hufford" <khufford@erols.com>
To: <aprssig@tapr.org>
Subject: Radio Shack AS A DRUG DEALER?
Date: Tue, 17 Dec 1996 14:37:37 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Arte,

In JAN 1991, I called the 1-800 number for the HRO in Atlanta, ordered an
ICOM 765, 229H, 24AT.

Gave them my master card number and address. The ICOMs were delivered two
days later.

I happed to have just passed the "OLD" TECH then. But they did not ask if

I had a license. Except out of curiosity, they should not care.

As I understand, much of the TANDY/RADIO SHACK Corp. Management are HAMS. But they got to make a living at selling things that sell. So stocking all stores with lots of HAM equipment (or HAM employees) doesn't work.

I tried to post a flyer for our local ham clubs "HAM classes" at a RADIO Shack. They said, NO it was corp policy NOT to.

I sent a EMAIL to ED Judge, W5???, a VP at Radio Shack at the time. He sent me a letter ON Corp letter head saying it was MORE than OK. That it was corp policy to SUPPORT local HAM clubs and classes.

Radio Shack has got to sell junk too. They are not the OLD Radio Shack, but I am not 21 anymore.

As long as any store can sell Tobacco products, that when used as intended, will kill the user.... selling HAM equipment to anyone with money should be legal.

Like I said, I've "only" been a HAM since 1991. The bad apples I have heard have not been on 2meters, they have been on 3.950 and 14.313mhz! And they all had callsigns that seemed legal and above TECH.

...we... ALL have hot buttons.

Kent
KQ4KK
khufford@erols.com

> From: Arte Booten <N2ZRC@gnn.com>
> To: aprssig@tapr.org
> Subject: [APRSSID:7378] Radio Shack (was Re: Gateway TNC after AEA Demise?)
> Date: Tuesday, December 17, 1996 12:09 PM
>
> Hi All,
> Of course reality is another thing. Mr. R. F. Jama walks into Radio Shack and
> has two hundred and sixteen dead presidents with him. He sees this cool-looking wal-
> lie-talkie and says "I'll take it." Plop, in the bag, charge the battery and key up!
> If the Sales Associate asks if the customer has a license (yeah, right!) all he has
> to say is "It's a gift," or "I'm studying for the test," and Radio Shack (and the em-
> ployee) is off the hook. And we are left with someone who transmits wherever he sets
> the VFO, using any kind of language he likes and cusses you out and threatens you and

> your interference committee with bodily harm when you challenge him
(since ham radio
> is supposed to be and, considering the FCC's enforcement of late,
self-policing.)
>
> Don't get me wrong. I LIKE Radio shack for all the reasons Robert
explained and
> more. My bug isn't with them. It is with the AVAILABLILITY of the
HTX-202 to anyone
> that walks in the door. Remove that temptation from them and we may find
a bit more
> civility and knowledge on our already overcrowded two-meter band. Let
them buy some
> "Chicken Band" or GMRS radio to play with.

From khufford@erols.com Tue Dec 17 13:42:51 1996

Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA22039 for <aprssig@tapr.org>; Tue, 17
Dec 1996 13:42:49 -0600 (CST)

Received: from khufford.dot.gov ([152.120.98.42]) by smtp1.erols.com (8.7.5/8.7.3)
with ESMTP id OAA06753 for <aprssig@tapr.org>; Tue, 17 Dec 1996 14:42:47 -0500
(EST)

Message-Id: <199612171942.OAA06753@smtp1.erols.com>

From: "Kent Hufford" <khufford@erols.com>

To: <aprssig@tapr.org>

Subject: Radio Shack as SEARS?

Date: Tue, 17 Dec 1996 14:48:31 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Reminds me of what a very smart friend told me.

NEVER buy a computer from a store that sells - underwear, stoves, washing
machines, vibrators,
or remote control cars.

I buy only what I must at Radio Shack. Like you said ... "rarely"

Kent

> From: William Nolle <wa8inz@concentric.net>

> To: aprssig@tapr.org

> Subject: [APRSSIG:7383] Re: Radio Shack (was Re: Gateway TNC after AEA
Demise?)

> Date: Tuesday, December 17, 1996 1:29 PM

> Well sorry but i HAD to answer and throw in my 10 cents. A few years back
i bought a

> brand new computer system from them in a sealed box. When i got home and

unpack the
> system i noticed the keyboard was dirty like it had been in use for a while inspecting
> the rest of the system showed the same story. I repacket the system and took it back to
> the Rat Shack. The salesman insisted it was new and only had the dirty keyboard because
> they burn in all their systems (YA RIGHT). Just then i turned around and noticed
> someone coming out of a back room and he left the door open, in that room where about
> 30 computers when it hit me (A class room) that they called a burn in room (AGAIN YA
> RIGHT). They did take back the system. I called the main office in Texas and finally
> got to talk to the person on top, he said that this is standard practice at radio shack
> and that there's nothing illegal about doing that. In other words most of their
> equipment may or may not be even new, in fact this has happened to many people i know.
>
> I rarely go to Radio Shack anymore (Thank you).
>
> --
> \\\\\\\
> (0 0)
> *--o0-(_-)-0o--*
> wa8inz@amsat.org
> wa8inz@cris.com
>

From ddoulou@gte.net Tue Dec 17 13:49:05 1996

Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA22540 for <aprssig@tapr.org>; Tue, 17 Dec 1996 13:49:04 -0600 (CST)

Received: from maximus (clw231174.gte.net [207.115.231.174]) by smtp.gte.net (SMI-8.6/) via SMTP id NAA16731 for <aprssig@tapr.org>; Tue, 17 Dec 1996 13:48:58 -0600

Message-ID: <32B6F90A.1A50@gte.net>

Date: Tue, 17 Dec 1996 14:48:26 -0500

From: Demos Doulou <ddoulou@gte.net>

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7327] Re: Tripmate & KCP-3

References: <32B59B95.41C6@wired.jpl.nasa.gov>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Randy Hammock wrote:

>

> Demos Doulou wrote:

```

> > To run stand alone, install r48 in the kpc3 to force the dtr line high
> > (this turns the tripmate on).
> >
> > set GPSINT to ASTRAL
> >
> > use a null modem adapter to connect the tripmate to the kpc3.
> >
> > Works fine.
>
> I have been trying this. I installed R48 and set GPSINIT to ASTRAL;
> however, I am having problems with the KPC-3 sending the ASTRAL to the
> Tripmate before it is ready to receive it. Hence, the Tripmate never
> sees the ASTRAL from the KPC-3 and just sit there sending it's own
> ASTRAL message. This has been verified by looking at the lights of a
> breakout box connected between the Tripmate and KPC-3.
>
> Sequence of events:
> Press power button on KPC-3.
> See handshale light come on.
> See short data burst from KPC-3.
> Pause.
> See long then short data burst from Tripmate followed by continuous
> short bursts.
> After while, briefly short pins 2 & 3.
> Start seeing long burts from Tripmate.
>
> I even loaded GPSINIT with ASTRAL<ctrl-n>ASTRAL<ctrl-n>... upto the 128
> character limit, hoping that one of them would get caught by the
> Tripmate. For those wonder what the <ctrl-n> is for, this allows
> multiple command to be place into a single command line. When the
> GPSINIT text is transmitted, the <ctrl-n> get sconverted into <CR><LF>.
>
> I either need to get DTR to Tripmate sooner or get KPC-3 to boot-up
> slower.
> --
> Randy Hammock          KC6HUR          | Jet Propulsion Laboratory
> mailto:hammock@wired.jpl.nasa.gov      | M/S: 264-580
> Voice: +1-818-393-1214                  | 4800 Oak Grove Drive
> Pager: +1-818-423-2062                  | PASADENA CA 91109

```

Ah yes, my fault for leaving one critical part out.

You must use ASTRAL(ctrl N).

But I havent had any problems with timing. Yes the tnc sends the string before the gps starts, but it always has worked. As soon as the sats are aquired, everything works fine.

73

Demos KR4US

From sproul@ap.org Tue Dec 17 14:26:23 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA24967 for <aprssig@tapr.org>; Tue, 17 Dec 1996 14:26:21 -0600 (CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id PAA05662; Tue, 17 Dec 1996 15:19:42 -0500

X-Sender: sproul@165.1.6.1

Message-Id: <v03007805aedcb0384023@[165.1.27.20]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Tue, 17 Dec 1996 15:22:08 -0500

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: WinAPRS / MacAPRS web site

For some time I have been telling people that I was working on the Web server for Mac/WinAPRS. This was because of slow performance etc.

The web server for MacAPRS / WinAPRS is now on a new machine. It is a PowerMac running Mac Linux. We have been testing it for a few days and it seems much better. The url is basically unchanged,

<http://aprs.rutgers.edu/>

You do NOT need the /APRS/ as you did before.

Because we changed the ip address were this name points to, your local DNS servers may still point to the old one, if that is the case, try

<http://aprs2.rutgers.edu/>

This will go away eventually so don't rely on it.

For those that have not seen it before, all of the Mac/WinAPRS and all of the dosAPRS documentation is on line here. The dosAPRS docs have been organized in HTML form (somewhat) and are much easier to navigate.

Mark Sproul

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From rbeckett@Schwab.COM Tue Dec 17 14:27:42 1996

Received: from sss00205.schwab.com (firewall-user@sss00205.schwab.com [162.93.15.188]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA25040 for <aprssig@tapr.org>; Tue, 17 Dec 1996 14:27:40 -0600 (CST)

From: rbeckett@Schwab.COM

Received: by sss00205.schwab.com; id AA22098; Tue, 17 Dec 96 12:27:39 PST
Received: from s0043dev.schwab.com(162.93.19.150) by sss00205.schwab.com via smap
(V3.1.1)

id xma022091; Tue, 17 Dec 96 12:27:28 -0800

Received: from sv0001dev.dev.schwab.com (sv0001dev.dev.schwab.com [162.93.19.130])
by s0043dev.schwab.com (8.8.2/8.7.3) with SMTP id PAA06270 for <aprssig@tapr.org>;
Tue, 17 Dec 1996 15:28:24 -0500 (EST)

Received: from k0584dsf by sv0001dev.dev.schwab.com (4.1/SMI-4.1)

id AA03633; Tue, 17 Dec 96 15:26:48 EST

Message-Id: <9612172026.AA03633@sv0001dev.dev.schwab.com>

Comments: Authenticated sender is <rbeckett@[162.93.19.130]>

To: aprssig@tapr.org

Date: Tue, 17 Dec 1996 12:27:43 +0000

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7BIT

Subject: Re: [APRSSIG:7386] Re: qbasic availability

Priority: normal

X-Mailer: Pegasus Mail for Windows (v2.42a)

qbasic.exe is still being released with WINNT, both 3.5.1 and 4.0

Rich

(415) 636-8340 - work

(510) 521-1559 - Beckett & Associates Office

From hwm@netcom.com Tue Dec 17 14:52:47 1996

Received: from mm.wd6dod.ampr.org (hwm@netcom2.netcom.com [192.100.81.108]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA26577 for <aprssig@tapr.org>; Tue, 17
Dec 1996 14:52:41 -0600 (CST)

Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id
MAA00098 for <aprssig@tapr.org>; Tue, 17 Dec 1996 12:54:00 -0800

Date: Tue, 17 Dec 1996 12:54:00 -0800 (PST)

From: Bob Lorenzini <hwm@netcom.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7378] Radio Shack (was Re: Gateway TNC after AEA Demise?)

In-Reply-To: <199612171705.MAA29915@mail-e2b.gnn.com>

Message-ID: <Pine.LNX.3.95.961217125055.92B-1000000@mm.wd6dod.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

OFF-TOPIC

Re: radio shack selling practices - What about Kenwoods intentions to
sell in truck stops!

BACK TO APRS!

Bob - wd6dod

From jscalet@echo.sound.net Tue Dec 17 16:12:45 1996

Received: from sound.net (echo.sound.net [205.242.192.21]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA00372 for <aprssig@tapr.org>; Tue, 17 Dec 1996

16:12:43 -0600 (CST)

Received: from supervisor (hd33-026.compuserve.com [199.174.229.26]) by sound.net (8.7.4/8.7.4) with SMTP id QAA27278 for <aprssig@tapr.org>; Tue, 17 Dec 1996

16:07:41 -0600 (CST)

Message-ID: <32B71A59.41DC@sound.net>

Date: Tue, 17 Dec 1996 16:10:33 -0600

From: Joe Scalet <jscalet@echo.sound.net>

X-Mailer: Mozilla 3.01 (WinNT; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Autostarting SA4 with Tripmate

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

You can put SA4 in the startup menu of windows and have SA4 autostart on powerup. To use the Tripmate however, you have to punch the GPS radio button and then click OK. Delorme says there is no way to auto start Tripmate. Windows has the Recorder function and you could of course record the two actions and reduce it to one FKey to start the macro but that only saves one key press.

It seems that I once saw a utility that would autoexecute a keyboard macro in windows but I can't find it. Does anyone know of such a program ?
tnx WKOG

From brfair@flash.net Tue Dec 17 16:39:00 1996

Received: from endeavor (endeavor.flash.net [208.194.223.40]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA02212 for <aprssig@tapr.org>; Tue, 17 Dec 1996

16:38:56 -0600 (CST)

Received: from LOCALNAME (pm2-48.flash.net [208.194.192.48]) by endeavor (8.8.3/8.6.9) with SMTP id QAA02804 for <aprssig@tapr.org>; Tue, 17 Dec 1996

16:37:57 -0600 (CST)

Date: Tue, 17 Dec 1996 16:37:57 -0600 (CST)

Message-Id: <199612172237.QAA02804@endeavor>

X-Sender: brfair@pop.flash.net

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Bryan Fair <brfair@flash.net>

Subject: Re: [APRSSIG:7372] Radio Shack WX Station

Here it is I posted this a Month or do ago her we go again

This is part of an Email to me from Radio Shack Product Support
The cost per RS 97 CATALOG is \$299.99 is price worth waiting for?
It has Humidity, Temperature, Rain Fall, Wind Speed and Direction

-----<SNIP>-----
We apologize for not getting back with you in this matter. We have checked with the Merchandising Department with regard to the Weather Station cat. no. 63-1015. They have advised that information on this product will be

available during the end of December, early January. An expected release date for this product is projected to be in late January, early February 1997. We regret no additional preliminary information on this product is being made available.

Thank you,

TANDY PRODUCT SUPPORT CENTER
CC/gk

At 09:50 AM 12/17/96 -0600, you wrote:

>
>> Anyone have insight on their new WX staion? What kind of
>> data does it spit out? Can it work with APRS?
>>
>
>
>We (the Sproul Bros and Bob) have plans to add the Radio Shack weather
>station AS SOON AS WE CAN GET ONE AND ITS DOCUMENTATION!
>
>We had heard a rummor a LONG time ago that we would get 'free' units so that
>we could write the software. As of yet, nothing..
>
>If anyone has more info on these units, PLEASE let us know...
>
>Keith
>
>Keith Sproul
>Student Housing Network Coordinator
>Rutgers University Computing Services
><http://www-ns.rutgers.edu/~ksproul/>
>
>
Ham Radio: WU2Z
ksproul@noc.rutgers.edu
908 445-3695 Work 908 445-2968 Fax
908 821-4828 Home

From ARusnak@aol.com Tue Dec 17 17:20:30 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA04454 for <aprssig@tapr.org>; Tue, 17
Dec 1996 17:20:28 -0600 (CST)
From: ARusnak@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id SAA29662 for
aprssig@tapr.org; Tue, 17 Dec 1996 18:19:57 -0500
Date: Tue, 17 Dec 1996 18:19:57 -0500
Message-ID: <961217181957_1355568969@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7383] Re: Radio Shack (employee perspective)

To whom it may concern:

I share this email address with my father who responds to your messages.
However, I couldn't help to notice the title "Radio Shack." Since I work
there part time as I am going to school I feel that I could answer your
question about the computer.

If the keyboard was dirty then it was on display. Radio Shack does sell

those computers, however the buyer must know about it and we offer a protection plan ,TSP, similiar to an extended warranty for an additional year to the present warranty or TSP you purchase.

However, if you do have a problem with any merchandise with Radio Shack you should not face any difficulty. Tandy, the owner of Radio Shack, emphasizes customer service to practically any degree. However, it is possible that you might have had a pushy sales associate who was feeding you lines. In our back room we have possible one computer that is used, however we do not sell them and they are sent to the district store for a discounted price. If you continue to face problems, always mention that you will call the district manager of the main top dogs in Texas.

Hope to be of assistance,
Sabrina Rusnak

From wa8inz@concentric.net Tue Dec 17 18:31:52 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA06993 for <aprssig@tapr.org>; Tue, 17 Dec 1996 18:31:50 -0600 (CST)
Received: from LOCALNAME (61037d0005at.concentric.net [206.173.85.161]) by newman.cris.com (8.8.3/(96/11/08 1.11)) id TAA22824; Tue, 17 Dec 1996 19:31:48 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Message-ID: <32B75792.4404@concentric.net>
Date: Tue, 17 Dec 1996 18:31:46 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7395] Re: Radio Shack (employee perspective)
References: <961217181957_1355568969@emout07.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARusnak@aol.com wrote:

>
> To whom it may concern:
> I share this email address with my father who responds to your messages.
> However, I couldn't help to notice the title "Radio Shack." Since I work
> there part time as I am going to school I feel that I could answer your
> question about the computer.
>
> If the keyboard was dirty then it was on display. Radio Shack does sell
> those computers, however the buyer must know about it and we offer a
> protection plan ,TSP, similiar to an extended warranty for an additional year
> to the present warranty or TSP you purchase.
>
> However, if you do have a problem with any merchandise with Radio Shack you
> should not face any difficulty. Tandy, the owner of Radio Shack, emphasizes
> customer service to practically any degree. However, it is possible that you

> might have had a pushy sales associate who was feeding you lines. In our
> back room we have possible one computer that is used, however we do not sell
> them and they are sent to the district store for a discounted price. If you
> continue to face problems, always mention that you will call the district
> manager of the main top dogs in Texas.
>
> Hope to be of assistance,
> Sabrina Rusnak

Sabrina. You didn't read my message the person at the main office is the one
that told me that it was standard practice to sell the computers they used in a
classroom as new and that it was perfectly legal to do so. And by the way NOT ON
DISPLAY but in a classroom.

--

```
\\///  
(0 0)  
*--o0-( )-o0--*  
wa8inz@amsat.org  
wa8inz@cris.com
```

From sdimse@bridge.net Tue Dec 17 18:47:02 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA07614 for <aprssig@tapr.org>; Tue, 17
Dec 1996 18:47:00 -0600 (CST)
Received: from [207.16.5.73] (ppp-mia2-73.bridge.net [207.16.5.73]) by
newworld.bridge.net (8.8.3/8.8.3) with SMTP id TAA17503 for <aprssig@tapr.org>;
Tue, 17 Dec 1996 19:46:38 -0500 (EST)
Message-Id: <199612180046.TAA17503@newworld.bridge.net>
Subject: Re: [APRSSIG:7368] Re: APRS/Java ..
Date: Tue, 17 Dec 96 19:46:41 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I have it loaded on my PC. I am not sure what you are referring to, with
>APRS JAVA..., however, I have tried to use it on live APRS sites, with
>no success. It just tells me that the browser does not have JAVA
>capability. I was wondering about the same thing...
>What are you all using for JAVA to view the live APRS sites?? JAVA is
>very new to me, and I know very little about it..

The live sites have the javAPRS applet on them, it is the only way to see
them.

Confirming you have the (brand new, one day old) beta Netscape 3.01 for
Windows 3.1 with java support? You need to enable java on one of the
preference dialogs.

Steve K4HG

From n2czf@magg.net Tue Dec 17 19:44:57 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA10246 for <aprssig@tapr.org>; Tue, 17 Dec 1996 19:44:55 -0600 (CST)
Received: from default (wpb-128.magg.net [205.218.112.128]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id UAA07258 for <aprssig@tapr.org>; Tue, 17 Dec 1996 20:44:53 -0500
Message-Id: <199612180144.UAA07258@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7342] Re: Any NE New Jersey APRS on VHF?
Date: Tue, 17 Dec 1996 20:38:17 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Another thing to consider is that I am speaking about APRS mobile, it is quite a different story from a home station. Take a drive APRS mobile anywhere other than in the shadow of NYC or SNJ region and you will find a lot of nothing on 145.79. WA4JNF-4 covers some parts of NNJ well but not that well. Unless N2MH-15 has changed in the past year he can be seen on occasions in some parts but had little to no coverage into Passaic County.

SNIP-----

> From: Boyd Prestwood <w2hob@mosquito.com>
> Then someone ought to inform those multitudes just how to beacon. Down here
> in SNJ, we only see WU2Z, KB2ICI, KB4CYC and not much else guys. I'm told
> that there's an N2MH-15 as a WIDE digi on West Orange... never see him...
>
> Whatever happened to Mark Lehman, W02J... never see him anymore... he had a
> Wx Station, Gateway, and QTH all showing at one time... key station too into NY.
>
>
> Have fun es 73 de Boyd
> w2hob@mosquito.com
>

From R.Radmore@worldnet.att.net Tue Dec 17 20:15:39 1996
Received: from mtigwc02.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA11348 for <aprssig@tapr.org>; Tue, 17 Dec 1996 20:15:37 -0600 (CST)
Received: from LOCALNAME ([207.146.36.237]) by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613) with SMTP id AAA12637 for <aprssig@tapr.org>; Wed, 18 Dec 1996 02:15:21 +0000
X-Sender: R.Radmore@postoffice.worldnet.att.net

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Robert Radmore <R.Radmore@worldnet.att.net>
Subject: Dosaprs and Win95
Date: Wed, 18 Dec 1996 02:15:21 +0000
Message-ID: <19961218021519.AAA12637@LOCALNAME>

I am a new upgrade to Win95 and find I can't run DosAprs in a full window.
Is there a work around or must I load a version of the old Dos?

Any help would be appreciated.

Please reply direct so as to avoid bandwidth.

Thanks in advance de Bob N2PWP
Bob Radmore
Amateur call - N2PWP
Packet - N2PWP@KE2VW.#WNY.NY.USA.NOAM
E-mail - R.RADMORE@WORLDNET.ATT.NET

From rsellers@rockford.com Tue Dec 17 21:12:42 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id VAA13918 for <aprssig@tapr.org>; Tue, 17 Dec 1996 21:12:39 -0600 (CST)
X-ROUTED: Tue, 17 Dec 1996 21:12:58 -0500
Received: from rsellers [206.230.91.42] by rockford.com with smtp
id BFAMCLBC ; Tue, 17 Dec 1996 21:12:42 -0500
Message-Id: <3.0.32.19961217210958.006afcd4@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Tue, 17 Dec 1996 21:09:59 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7299] Re: Tripmate & KCP-3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:34 PM 12/15/96 -0500, you wrote:

>To run stand alone, install r48 in the kpc3 to force the dtr line high
>(this turns the tripmate on).
>set GPSINT to ASTRAL
>use a null modem adapter to connect the tripmate to the kpc3.
>Works fine.
>73
>Demos KR4US
>kr4us@amsat.org

Please pardon the stupid question, but what is or what do you mean by
"install r48"??

Roger Sellers KB9LBU

email: Home rsellers@rockford.com
KB9LBU@juno.com
Work rsellers@snds.com

From dayglo@radix.net Tue Dec 17 22:02:45 1996
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA16333 for <aprssig@tapr.org>; Tue, 17 Dec 1996 22:02:43 -0600 (CST)
Received: from saltmine.radix.net (dialin43.annex4.radix.net [204.157.139.86]) by news1.radix.net (8.8.3/8.8.3) with SMTP id XAA26248 for <aprssig@tapr.org>; Tue, 17 Dec 1996 23:04:43 -0500 (EST)
Message-Id: <2.2.32.19961218035516.0071d688@pop.radix.net>
X-Sender: dayglo@pop.radix.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 17 Dec 1996 22:55:16 -0500
To: aprssig@tapr.org
From: Dayglo <dayglo@radix.net>
Subject: Summary of the List

Here is my take on the list so far:

To Radio Shack or not to Radio Shack ?

Kantronics vs Patcomm ?

Is Gwyn Ready male or female (No Offense) ?

Now I have no room to talk for I am not exactly dominating the list but let us please get back to APRS. Hopefully soon I will be able to contribute just as soon as my HPVFC, that I ordered over a week ago, arrives.

From rroberts@mcs.com Tue Dec 17 22:03:46 1996
Received: from Kitten.mcs.com (Kitten.mcs.com [192.160.127.90]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA16570 for <aprssig@tapr.org>; Tue, 17 Dec 1996 22:03:37 -0600 (CST)
Received: from rroberts.pr.mcs.net (rroberts.pr.mcs.net [199.3.42.87]) by Kitten.mcs.com (8.8.2/8.8.2-biteme) with SMTP id WAA05112 for <aprssig@tapr.org>; Tue, 17 Dec 1996 22:03:34 -0600 (CST)
Message-ID: <32B76C5C.1E04@mcs.com>
Date: Tue, 17 Dec 1996 22:00:28 -0600
From: Richard Roberts <rroberts@mcs.com>
X-Mailer: Mozilla 2.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7337] dfJr multi port/gps/aprs77e -- working for anyone?
References: <199612162357.XAA179554@mule0.mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi there....

I also have the DF Jr and while I haven't hooked it up to my Garmin 45XL yet, I have used it twice and discovered that one of the antennas has gone deaf.

I have attached an email in regards to this for your information:

Joe -

Rich has correctly assembled the antenna but has gone the wrong way on tests

at foxhunts Another 'hunter, Greg, saw the jr and liked it very much.

He's worked with the Smith DF (from Australia??) and wanted help Rich.

So

Greg did some bench work on the DFjr, he did a check on the ant. with a scope

and found one element not showing the sq. wave from element to ground

...

sounds like a good test - indicating one amp out...is this the best way to

check'm out??? should Rich shoot it back to you?

Greg opened the ant. box and was impressed with the engineering. He did note

a small shard of solder on the inside.

The folks using it have noted seemingly shallow reception at the start point

of recent hunts with the DFjr. Have you come up with any comparative sensitivity or is it subjective to the receiver ... and if so what's the best

direction to go in RX wise.....?

I'm going to lend my antenna to Rich so he can hunt again this weekend and

not freeze his nails off.

Greg suggested you might be able to do the test he did with a VOM...what do

you think? Sure would be good to be able to field verify. Or is that best

left to the lab...

gphowell@mindspring.com wrote:

>

> Yesterday our local club planned a T-hunt and since I had carefully
> introduced enough cockpit error into the last one so that nothing really
> worked well, I started Saturday on this one. Setup: dfJr to multiport
> adapter, GPS-45 to multi port adapter, PICO to multiport adapter and
> adapter to Toshiba laptop. I was unable to get dos version 77E to

> acknowledge or use the GPS posits coming in no matter how I set things up.
>
> Tried SPM with no TNC, SPM with TNC, HSP with PICO -- GPS still connected
> to multiport adapter, nothing worked. It appeared that posit reports as
> well as DF bearings were sent to the serial port, and the program did
> parse the df bearings and display them on the screen, but never would it
> change the initial position that I entered. At one point the program was
> telling me that it was not getting a position report therefore it was not
> displaying a bearing. I did see NMEA sentences scrolling across the
> bottom of the screen and lat/long was changing but was ignored.
>
> (I DID remember to use the correct registration numbers this time unlike
> the last time...)
>
> Any ideas on what I am doing wrong? The only thing I didn't try was
> connected the GPS to the second serial port on the PICO and try HSP, but I
> suspect that wouldn't have worked either since I don't think the multiport
> adapter does HSP. Grrrr. Help appreciated, Bob says he doesn't know
> either since he hasn't run this configuration.
>
> Thanks!
>
> -----
> Geep Howell WA4RTS
> gphowell@mindspring.com
> -----Let me know if this
helps....

73

Rich (KA9MAB)

From n5rkkn@apex2000.net Tue Dec 17 23:17:53 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA19264 for <aprssig@tapr.org>; Tue, 17
Dec 1996 23:17:49 -0600 (CST)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with
ESMTP id va001009 for <aprssig@tapr.org>; Tue, 17 Dec 1996 23:20:04 -0600
Message-ID: <32B77E80.16B4@apex2000.net>
Date: Tue, 17 Dec 1996 23:17:52 -0600
From: Robert Jordan <n5rkkn@apex2000.net>
Reply-To: n5rkkn@apex2000.net
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7401] Summary of the List
References: <2.2.32.19961218035516.0071d688@pop.radix.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dayglo wrote:

>
> Here is my take on the list so far:

>
> To Radio Shack or not to Radio Shack ?
>
> Kantronics vs Patcomm ?
>
> Is Gwyn Ready male or female (No Offense) ?
>
> Now I have no room to talk for I am not exactly dominating the list but let
> us please get back to APRS. Hopefully soon I will be able to contribute
> just as soon as my HPVFC, that I ordered over a week ago, arrives.
I agree, and will try to direct non-aprs comments directly..rather
than via the SIG in the future.
Robert

From jagrelo@cris.com Tue Dec 17 23:56:49 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA22798 for <aprssig@tapr.org>; Tue, 17
Dec 1996 23:56:48 -0600 (CST)
Received: from crc3.pop3.net (cnc059044.concentric.net [206.83.77.44])
by newman.cris.com (8.8.3/(96/11/08 1.11))
id AAA03886; Wed, 18 Dec 1996 00:56:44 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Message-ID: <32B7B327.6F29@cris.com>
Date: Wed, 18 Dec 1996 01:02:31 -0800
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7402] Re: dfJr multi port/gps/aprs77e -- working for anyone?
References: <32B76C5C.1E04@mcs.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Roberts wrote:

>
> Hi there....
> I also have the DF Jr and while I haven't hooked it up to my Garmin 45XL
> yet, I have used it twice and discovered that one of the antennas has
> gone deaf.

FYI- We test all four channels in the switching box on a scope before
shipping, repaired 3 antennas yesterday and they all swear that they
didn't transmit through it but the damage proved otherwise, 2 blown
caps,
1 inductor, 1 P-Channel MOSFET, 1 MAR-4 amplifier, & one resistor, all
baked. I usually don't say anything to the folks on the SIG after all
the customer is always right, right;-) I am not suggesting that Rich
transmitted through his or blaming him, proof will be when it gets on the
bench.
Anyway I will test and fix the antenna for him/you, don't read into

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

> gphowell@mindspring.com wrote:

> >

> > Yesterday our local club planned a T-hunt and since I had carefully
> > introduced enough cockpit error into the last one so that nothing really
> > worked well, I started Saturday on this one. Setup: dfJr to multiport
> > adapter, GPS-45 to multi port adapter, PICO to multiport adapter and
> > adapter to Toshiba laptop. I was unable to get dos version 77E to
> > acknowledge or use the GPS posits coming in no matter how I set things up.

> >

> > Tried SPM with no TNC, SPM with TNC, HSP with PICO -- GPS still connected
> > to multiport adapter, nothing worked. It appeared that posit reports as
> > well as DF bearings were sent to the serial port, and the program did
> > parse the df bearings and display them on the screen, but never would it
> > change the initial position that I entered. At one point the program was
> > telling me that it was not getting a position report therefore it was not
> > displaying a bearing. I did see NMEA sentences scrolling across the
> > bottom of the screen and lat/long was changing but was ignored.

> >

> > (I DID remember to use the correct registration numbers this time unlike
> > the last time...)

> >

> > Any ideas on what I am doing wrong? The only thing I didn't try was
> > connected the GPS to the second serial port on the PICO and try HSP, but I
> > suspect that wouldn't have worked either since I don't think the multiport
> > adapter does HSP. Grrrr. Help appreciated, Bob says he doesn't know
> > either since he hasn't run this configuration.

> >

> > Thanks!

> >

> > -----

> > Geep Howell WA4RTS

> > gphowell@mindspring.com

> > -----Let me know if this
helps....

>

> 73

>

> Rich (KA9MAB)

From dcreek@pixi.com Wed Dec 18 01:13:09 1996

Received: from mail.pixi.com (phoenix.pixi.com [204.182.46.82]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id BAA01800 for <aprssig@tapr.org>; Wed, 18 Dec 1996 01:13:07 -0600 (CST)

Received: from neogodzilla15.pixi.com (neogodzilla15.pixi.com [206.127.225.85])
by mail.pixi.com (8.8.4/8.8.4/PIXI-5.0) with SMTP
id VAA07054 for <aprssig@tapr.org>; Tue, 17 Dec 1996 21:13:03 -1000 (HST)

Date: Tue, 17 Dec 1996 21:02:56 -1000 (HST)

From: Dave Creek <dcreek@pixi.com>

To: aprssig@tapr.org

Subject: Tracker

Message-ID: <Pine.PCW.3.95.961217203455.7799A-1000000@neogodzilla15.pixi.com>

X-X-Sender: dcreek@imap-server.pixi.com

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I am now in a position to build a tracker for my van. The plan so far is:

GPS: Trimble White Mushroom from an unknown source in San Diego, CA
TNC: Kantronics KPC-3
RADIO: Radio Shack HT-202
DISPLAY: KD6PBH Display Unit (if available)

The van is an '84 Postal van. The Trimble antenna will be mounted on an angle bracket on the rear of the van body with the top of the antenna above the roof line.

The radio and TNC will be in a .50 cal. ammo can along with 2 6 volt, 10 Ah batterys. Power from the van battery will be supplied through a relay controlled by the ignition switch.

I plan to come up with a circuit that will lengthen the intervals between transmissions when the vehicle is parked to cut down on battery drain and also so as not to fill the aether with redundant signals.

Any comments pro or con appreciated. Send via email or to the SIG if you think they would be of general interest.

Since Dave Dobbins moved to the mainland, I dont know of any APRS guru here. Maybe I'll become one.

73 es Aloha,

Dave Creek, NH6BA
Ewa Beach, HI
dcreek@pixi.com

PS No I am not off to the beach.<g>

From wa8inz@concentric.net Wed Dec 18 03:36:48 1996

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id DAA05591 for <aprssig@tapr.org>; Wed, 18 Dec 1996 03:36:46 -0600 (CST)

Received: from LOCALNAME (61039d0017at.concentric.net [206.173.85.221])
by cliff.cris.com (8.8.3/(96/11/08 1.11))
id EAA11011; Wed, 18 Dec 1996 04:36:44 -0500 (EST)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Message-ID: <32B7D74A.529F@concentric.net>
Date: Wed, 18 Dec 1996 03:36:42 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Tripmate
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In case someone is interested in a tripmate at this place the price is listed as \$138.13

<http://www.uvision.com/prdct/032/94.html>

--

\\///
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

From bcdpe@innova.net Wed Dec 18 07:05:51 1996
Received: from atl1.america.net (ns2.america.net [199.170.121.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA10690 for <aprssig@tapr.org>; Wed, 18 Dec 1996 07:05:49 -0600 (CST)
Received: from [130.127.29.28] (tester.clemson.edu [130.127.29.28]) by atl1.america.net (8.8.2/8.7.3) with ESMTP id IAA01424 for <aprssig@tapr.org>; Wed, 18 Dec 1996 08:05:10 -0500 (EST)
X-Sender: bcdpe@mail.innova.net
Message-Id: <v03007800aedd93853196@[130.127.29.28]>
In-Reply-To: <32B75792.4404@concentric.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"
Date: Wed, 18 Dec 1996 08:05:55 -0500
To: aprssig@tapr.org
From: Bruce Douberley <bcdpe@innova.net>
Subject: Radio Shack Kenwood and others?

We had our annual Ham Club Christmas dinner last night and a discussion of our deteriorating band conditions ensued.

One thing that was brought up was that certain amateur equipment manufacturer(s) is/are flooding the market with 2mtr/70cm and HF gear. Do they see the handwriting on the wall and are emptying their warehouses? No problem - right - except that it is being done through TRUCK STOPS (maybe other places too). One of our members has been a ham for 8 years and is a truck driver and confirmed this as so. Just stop in and buy no questions asked. That is why there is garbage on the air calling itself "The Ham From Hell" and I am sure others turning the spectrum into what we all feared.

That brings me to my point - We all have our little distractions - APRS, SS, Packet, SSTV, etc. What Amateur does not have a considerable sum tied up in equipment? With all the wolves just waiting to devour the all frequencies we hold dear - What good is all of our equipment going to be if suddenly the government comes out and says " These frequencies are too valuable to use in the current manner your are using them so cease and desist." For those of us with valid licenses and legal equipment used legally we get screwed or..... maybe dump the stuff on a blackmarket?... yeah right.

Point is if we don't think about what is happening to the "carrier" of all our distractions -- WE WILL LOSE - - big time.

BTW not all Radio Shacks are Corporate. There are those that are independant and care what they sell and to whom. They control what they order and sell not what Corporate says and usually have a better stock of goodies for us builders and tinkers.

<italic>Hull temperture rising Captain

</italic>Prepare to raise Metaphasic shields Ensign!

Bruce Douberley

WB4JNE

Email : bcdpe@innova.net

From ddoulou@gte.net Wed Dec 18 07:20:26 1996

Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA11190 for <aprssig@tapr.org>; Wed, 18 Dec 1996 07:20:25 -0600 (CST)

Received: from maximus (clw232063.gte.net [207.115.232.63]) by smtp.gte.net (SMI-8.6/) via SMTP id HAA29189 for <aprssig@tapr.org>; Wed, 18 Dec 1996 07:20:23 -0600

Message-ID: <32B7EF77.F4E@gte.net>

Date: Wed, 18 Dec 1996 08:19:51 -0500

From: Demos Doulou <ddoulou@gte.net>

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7400] Re: Tripmate & KCP-3

References: <3.0.32.19961217210958.006afcd4@rockford.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Roger Sellers wrote:

> Please pardon the stupid question, but what is or what do you mean by
> "install r48"??
>

There is a place in the KPC3 to install a 4.7k resistor which is identified as R48. This will pull the DSR & DTR lines high.

73

Demos KR4US
kr4us@amsat.org

From wa4gkm@juno.com Wed Dec 18 08:42:04 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA15199 for <aprssig@tapr.org>; Wed, 18 Dec 1996 08:41:56 -0600 (CST)
Received: (from wa4gkm@juno.com) by x11.boston.juno.com (queuemail) id JuX14675; Wed, 18 Dec 1996 09:41:18 EST
To: aprssig@tapr.org
Subject: subscribe
Message-ID: <19961218.083835.2966.0.wa4gkm@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-6
From: wa4gkm@juno.com (Nicholas R. Smith)
Date: Wed, 18 Dec 1996 09:41:18 EST

subscribe

wa4gkm@juno.com

Nick - WA4GKM
Chief Pilot Trade-A-Plane
Editor Amateur Radio Trader

From bruninga@nadn.navy.mil Wed Dec 18 08:51:22 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA15846 for <aprssig@tapr.org>; Wed, 18 Dec 1996 08:51:21 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id JAA18616 for <aprssig@tapr.org>; Wed, 18 Dec 1996 09:56:39 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Dec 1996 09:56:38 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Xmas specials
Message-ID: <Pine.GS0.3.95.961218095429.15745E-100000@arctic>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

A local up here said the GPS-45 was going in his local boat store for \$150. We on the voice repeter asked for details, but then they guy backed off and couldnt remember the exat model number, nor the name of the store. But it is a good reminder to check out your favorite GPS stores to look for XMAS sales and year end closeouts. They may have been dumping old GPS-45's to clear out stock for the newer 45xl...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From tparsons@peak.org Wed Dec 18 09:04:16 1996
Received: from PEAK.ORG (root@PEAK.ORG [198.68.22.17]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA16422 for <aprssig@tapr.org>; Wed, 18 Dec 1996 09:04:14 -0600 (CST)
Received: from parsonst (midgard73.PEAK.ORG [198.68.22.73]) by PEAK.ORG (8.6.13/8.6.7) with SMTP id HAA06646 for <aprssig@tapr.org>; Wed, 18 Dec 1996 07:04:18 -0800
Message-Id: <2.2.32.19961218150251.0069f980@peak.org>
X-Sender: tparsons@peak.org
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Dec 1996 07:02:51 -0800
To: aprssig@tapr.org
From: Tyler Parsons <tparsons@peak.org>
Subject: Re: [APRSSIG:7409] subscribe

At 08:47 12/18/96 -0600, you wrote: to aprssig@tapr.org

>subscribe

>

>wa4gkm@juno.com

>

>Nick - WA4GKM

>Chief Pilot Trade-A-Plane

>Editor Amateur Radio Trader

>

>

You sent your message to the entire list, but not the list server.

Send a message to <listproc@tapr.org> with the following in the body:

subscribe aprssig

Tyler Parsons PLS WB7DDL USMA '68
tparsons@peak.org Corvallis, Oregon
<http://www.peak.org/~parsonst/>
Ray Bradbury: "We are an impossibility in an impossible universe."

From usdcc3h5@ibmmail.com Wed Dec 18 09:09:08 1996

Received: from MIDVM01.DOWCORNUSA.COM ([207.40.100.11]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA16538 for <aprssig@tapr.org>; Wed, 18 Dec 1996 09:08:54 -0600 (CST)

Received: from glfuller.MP.DOWCORNUSA.COM by MIDVM01.DOWCORNUSA.COM (IBM VM SMTP V2R2) with TCP; Wed, 18 Dec 96 10:08:17 EST

Message-ID: <32B83157.DC5@ibmmail.com>

Date: Wed, 18 Dec 1996 10:00:55 -0800

From: Gerald Fuller <usdcc3h5@ibmmail.com>

Organization: Dow Corning Corporation

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: NEWUSER

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob; thank you for registering me as a user on APRS. I do have a few questions; How do I get rid of the "NEWUSER" that is appended on some out going packets? Also; I down loaded the APRS 7.7.e but I see under the "README" directory the file "newnotes.txt" reference to "77f" is this a miss print? Can u help...thanks.

From pmann@juno.com Wed Dec 18 09:41:12 1996

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA17944 for <aprssig@tapr.org>; Wed, 18 Dec 1996 09:41:09 -0600 (CST)

Received: (from pmann@juno.com) by x4.boston.juno.com (queuemail) id KTP02749; Wed, 18 Dec 1996 10:40:48 EST

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7375] HF station up

Message-ID: <19961218.031445.4279.3.PMANN@juno.com>

References: <32B6C31B.40C7@wtp.net>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 1-6

From: pmann@juno.com (PETER J MANN)

Date: Wed, 18 Dec 1996 10:40:48 EST

at 09:30 local 18 December I done see you on my screen. Rig stays on 24 hours

a day EXCEPT FOR THUNDERSTORMS...what unproto you using? might try RELAY.

73

HAVE A GREAT DAY!

Pete

From aa0mm@cjnetworks.com Wed Dec 18 09:50:17 1996

Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18447 for <aprssig@tapr.org>; Wed, 18 Dec 1996 09:50:16 -0600 (CST)

Received: from LOCALNAME (Port51.cjnetworks.com [206.52.158.61]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id JAA27296 for <aprssig@tapr.org>; Wed, 18 Dec 1996 09:49:30 -0600 (CST)

Message-ID: <32B82F93.1499@cjnetworks.com>

Date: Wed, 18 Dec 1996 09:53:23 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7399] Dosaprs and Win95
References: <19961218021519.AAA12637@LOCALNAME>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Robert Radmore wrote:

>
> I am a new upgrade to Win95 and find I can't run DosAprs in a full window.
> Is there a work around or must I load a version of the old Dos?
>
> Any help would be appreciated.
>
> Please reply direct so as to avoid bandwidth.
>
> Thanks in advance de Bob N2PWP
> Bob Radmore
> Amateur call - N2PWP
> Packet - N2PWP@KE2VW.#WNY.NY.USA.NOAM
> E-mail - R.RADMORE@WORLDNET.ATT.NET

Bob,

Well Well,,, Windows-95... I know the wonderment! Have you noticed, that with the older first versions of DOS, and WINDOWS 3.1, you got a MANUAL?? I mean a MANUAL???

Now with WIN-95 we get a phamplet! HI HI... The largest op system yet, from IBM Compatible, and a Leaflet on BASIC stuff.. I even changed the "My Computer", and "Network Neighborhood" short cut icons. Sounds like a little kid saying MIIIIINNNEEE--MY COMPUTER!!!! HI HI.. Network Neighborhood?--- I sure am glad that I do not live on that block!

HI HI...

It is OK, and I guess Bill Gates thinks this will make the average public feel MORE COMFTORABLE... Just like PLUG AND PLAY...OH YEH, WE all have a lot of money to buy PLUG and PLAY hardware.. Just throw our old stuff out, cause no one ever saves the papers that came with them, and NOONE knows what all those little black jumpers are for, or what they mean...

For me, it has taken the CONTROL out of how I, and not the PC, wants my IRQ's set up, memory addresses, etc. I can still control it, but you have to FOOL the plug and play feature.

I have code named it :: PLUG AND HOPE! You can only HOPE that your old DOS hardware/Software will work right.

The COMPUTER KNOWS BEST?? Riigghhtt.

I am using WIN-95 though, because as a LAN/WAN Administrator, I have to learn such new things, or RETIRE!

I am not as discusted as I sound, but I have been where you are, and there is nowhere to turn... Have you ever tried to call Microsoft?

(Hit 1 for this, 2 for that, 3 for WHAT?, 4 to repeat..)

I feel they should either hire 1000 Tech Support Reps, or SEND A MANUAL WITH THEIR PRODUCT!!

Win 95 is NOT ALL BAD, and has a LOT OF USEFUL Features, and am sure it has secured a valid place in computing.

OK ENOUGH from me!

(Being 1/3 German, 1/3 Scotch, 1/3 IRISH--- It is hard being a Hard Headed-Tight Wad-that NEVER GIVES UP!!!! HI HI..)

Icons become "Shortcuts", directories become "FOLDERS", the the key word for every thing is "PROPERTIES".

(Windows 95 Resource Kit is the manual you need. Available as a seperate item now) I do not have a resource kit yet, but will be getting one I think.

Try this:

Go to "Start"

Then "SETTINGS"

Then "TASK BAR"

Then "ADVANCED"

Then "Find the short cut (ICON) which you use to Start your APRS.

Then "Highlight it by clicking ONCE ONLY. (Twice will start it up-HI!)

Then "Hit your RIGHT MOUSE BUTTON" You will see several options show up.

Then "Select "PROPERTIES"

Then "Select "PROGRAM"

Then "Select "ADVANCED"

Then "Once you get here, look over your options"

Specify Conventional memory. I would think 485 or 500k would be OK.

Just leave the XMS EMS and others at "AUTO", or "NONE",

MAIN POINT!!

CHECK THE BOX THAT SAYS {"DOS APPLICATIONS IGNORE WINDOWS SETTINGS"}

Other than that, just keep trying to set different things up in that PROPERTIES, PROGRAM, ADVANCED window.

The other thing you did not mention is how much RAM memory you have? Really, 16 Meg is about the minimum for WIN-95.

(I know they say 8-meg, but you end up waiting for the swap memory writes to your HD all the time, not to mention the WEAR on your HD.)

Also when they specify 8-meg, they think you are running ALL WINDOWS apps.

It really taxies the system, to run DOS apps through Windows. It did for WINDOWS 3.1, and it still does for WIN-95.

Hope I have not TOTALY COMFUSED YOU!

GOOD LUCK!

And I know Mark and Keith are LAUGHING THEIR HEADS OFF now..

Take care De AAÿMM, Ross

From joefoor@digitalexp.com Wed Dec 18 09:59:59 1996

Received: from mail.digitalexp.com (mail.digitalexp.com [204.49.137.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18953 for <aprssig@tapr.org>; Wed, 18 Dec 1996 09:59:57 -0600 (CST)

Received: from joefoor ([204.49.137.117]) by mail.digitalexp.com (post.office MTA v1.9.3b evaluation license) with SMTP id AAA178

for <aprssig@tapr.org>; Wed, 18 Dec 1996 10:01:03 -0600
Message-ID: <32B80AD4.55E9@digitalexp.com>
Date: Wed, 18 Dec 1996 09:16:36 -0600
From: joefoor@digitalexp.com (Foor, Joe)
Reply-To: joefoor@digitalexp.com
X-Mailer: Mozilla 3.01 (Win95; U)
MIME-Version: 1.0
To: APRSSig <aprssig@tapr.org>
Subject: Re: Peet Bros. U-500
References: <CMM-RU.1.5.850846828.ksproul@hardees.rutgers.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Keith Sproul wrote:

>
> You need to use the DATA format that starts with "!!" to make it work with
> WinAPRS and MacAPRS..
>
> I will also look at making it work with the sentence you mentioned (\$ULTWO..)

... and Mark also wrote;

> We will take a look at it asap and make sure it works correctly. If it
> doesnt, we will have it fixed ASAP.

Thanks Keith and Mark;

I tried setting it up the same way as the U-2000, with the TNC in GPS mode, but then APRSdos was mixing the BText in with the weather data. I didn't think to check if WinAPRS was displaying it properly that way. It was only after I failed, that I turned the page and saw the U-500 had a paragraph directing a different set up than for the U-2000.

I reread the U-500 manual and according to it, the U-500 organises the serial output exactly the same as the U-2000. That would seem to imply that I could set it up either way, but it didn't work out.

Since APRSdos is used almost exclusively in this area, I'll leave it as it is, for now.

regards,
Joe kf4dys

From ko6xs@ko6xs.ampr.org Wed Dec 18 10:02:17 1996
Received: from ko6xs.ampr.org (ko6xs.ampr.org [44.16.1.241]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA18854 for <aprssig@tapr.org>; Wed, 18 Dec 1996 09:58:38 -0600 (CST)
From: ko6xs@ko6xs.ampr.org
Date: Wed, 18 Dec 96 06:54:19 PST
Message-Id: <10165@ko6xs.ampr.org>
To: aprssig@tapr.org

```
> I read with some interest your comments on using the APRtrak tracking
> program ... and ... that APRS has been used on many balloons, but...
> has anyone ever launched a balloon that wouldn't break at 100K
> altitude, but instead ride the wind currents across the USA?
```


>
> If a GPS could be got for \$160 or less and a used HT and TNC could be
> used, there would not be a large investment at risk. Perhaps a whole
> network of Eastern command stations could be exchanging data over the
> Internet as to its location, etc and when it reached one of their
> areas, they would transmit a secret command up to the balloon which
> would release the payload for recovery...

REPLY: I think its a great idea. It would cover the USA almsot like a
satelite, last about a week and be a lot of fun for a lot less \$\$\$, hi hi

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From derryb@galesburg.net Wed Dec 18 10:25:50 1996
Received: from dialup1.galesburg.net (dialup1.galesburg.net [207.32.31.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA20335 for <aprssig@tapr.org>; Wed, 18
Dec 1996 10:25:49 -0600 (CST)
Received: from benjamind (port21.dialup0.galesburg.net [207.32.31.53]) by
dialup1.galesburg.net (8.6.9/8.6.9) with SMTP id KAA30493 for <aprssig@tapr.org>;
Wed, 18 Dec 1996 10:25:46 -0600
Message-Id: <1.5.4.32.19961218162545.006abd84@pop3.galesburg.net>
X-Sender: derryb@pop3.galesburg.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Dec 1996 10:25:45 -0600
To: aprssig@tapr.org
From: "Benjamin K. Derry" <derryb@galesburg.net>
Subject: WinAPRS 1.1.7 Question?

Hi I have been watching this list for a while and I havn't heard anyone
complain about this:

Unhandled Exception: c0000005
At address: 00449394
Top of stack: 004a805c

HELP!

Ben

=====
Benjamin K. Derry mailto:derryb@galesburg.net
Personal Home Page: <http://www.galesburg.net/~derryb/>
Paket E-Mail: N9VPU@N9GQR.#WCIL.IL.USA.NOAM
=====

From sproul@ap.org Wed Dec 18 10:45:15 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id KAA21550 for <aprssig@tapr.org>; Wed, 18 Dec 1996 10:45:13 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id LAA19358; Wed, 18 Dec 1996 11:38:49 -0500

X-Sender: sproul@165.1.6.1
Message-Id: <v03007806aeddcee8a475@[165.1.27.20]>
In-Reply-To: <10165@ko6xs.ampr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Dec 1996 11:43:15 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7416] WinAPRS startup
Cc: ko6xs@ko6xs.ampr.org

>GM All,
> I recently received an APRS cable from Kantronics that is supposed to allow
>the use of the KPC-3 and a GPS 45 on a laptop with one com port. My problem
>is the error message I get on startup:"Port failed to open." I tried the
>debug-
>ging routine (shift key on startup). It tells me:
>Serial Library "serthunk.dll" loaded OK
>Calling SerialOpen
>Returned from SerialOpen
> (TNC setup commands issued)
>Calling SerialOpen
> (I see info received via radio at the bottom of screen)
>Returned from SerialOpen
>
> When I hit OK to the last dialog box, The "port failed to open" box appears
>and the program stops. Any ideas on this problem would be greatly appreciated.
>
>73s de Jonathan
>
>TNX & 73s de ko6xs, Jon
>

If you are using Windows 3.1, the HSP support is not finished, I have to update the SER16DLL.DLL file which I dont have done yet.

If you are using Win95, then you must have the new SERIAL32.DLL, look at the INTERNAL STATE WINDOW, and it will tell you if HSP mode is available, if you are using the old DLL, then it wont be available.

If this doesnt solve the problem, send me another message (private not to the sig) with full details and I will look into it.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bcdpe@innova.net Wed Dec 18 10:45:51 1996
Received: from atl1.america.net (ns2.america.net [199.170.121.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA21580 for <aprssig@tapr.org>; Wed, 18 Dec 1996 10:45:50 -0600 (CST)
Received: from [130.127.29.28] (tester.clemson.edu [130.127.29.28]) by atl1.america.net (8.8.2/8.7.3) with ESMTP id LAA03244 for <aprssig@tapr.org>; Wed, 18 Dec 1996 11:44:53 -0500 (EST)
X-Sender: bcdpe@mail.innova.net
Message-Id: <v03007802aeddcc9d9fc2@[130.127.29.28]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Dec 1996 11:45:37 -0500
To: aprssig@tapr.org
From: Bruce Douberley <bcdpe@innova.net>
Subject: PK-232

I have put my PK-232 mbx back on line as an aprs unit. It works fine but if I exit the program and leave the tnc and radio on, the tnc switches from error/conv to cmd and doesn't appear to remain active. I have played with the restore file up to and including removing all cmds in it and it still changes.

Anyone with any ideas?

Thanks

Bruce Douberley
WB4JNE
NNNOKBN SC
Email : bcdpe@innova.net

From bruninga@nadn.navy.mil Wed Dec 18 10:49:35 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA21960 for <aprssig@tapr.org>; Wed, 18 Dec 1996 10:49:33 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id LAA07814 for <aprssig@tapr.org>; Wed, 18 Dec 1996 11:54:51 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Dec 1996 11:54:51 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7412] NEWUSER
In-Reply-To: <32B83157.DC5@ibmmail.com>
Message-ID: <Pine.GS0.3.95.961218115325.15745V-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I didnt think that APRSdos put NEWUSER in its outgoing packets. Only on the screen with the initial help text on how to put your station on the map... Anyway, just use the INPUT-MY-STATUS command to change your STAUTS packet to anything you like...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From rbeckett@Schwab.COM Wed Dec 18 10:56:31 1996
Received: from sss00205.schwab.com (firewall-user@sss00205.schwab.com [162.93.15.188]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA22327 for <aprssig@tapr.org>; Wed, 18 Dec 1996 10:56:29 -0600 (CST)
From: rbeckett@Schwab.COM
Received: by sss00205.schwab.com; id AA14958; Wed, 18 Dec 96 08:56:51 PST
Received: from s0043dev.schwab.com(162.93.19.150) by sss00205.schwab.com via smap (V3.1.1)
id xma014927; Wed, 18 Dec 96 08:56:43 -0800
Received: from sv0001dev.dev.schwab.com (sv0001dev.dev.schwab.com [162.93.19.130]) by s0043dev.schwab.com (8.8.2/8.7.3) with SMTP id LAA06998 for <aprssig@tapr.org>; Wed, 18 Dec 1996 11:57:47 -0500 (EST)
Received: from by sv0001dev.dev.schwab.com (4.1/SMI-4.1)
id AB00129; Wed, 18 Dec 96 11:56:03 EST
Message-Id: <9612181656.AB00129@sv0001dev.dev.schwab.com>
Comments: Authenticated sender is <rbeckett@[162.93.19.130]>
To: aprssig@tapr.org
Date: Wed, 18 Dec 1996 08:56:50 +0000
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT
Subject: Re: [APRSSIG:7410] Xmas specials
Priority: normal
X-Mailer: Pegasus Mail for Windows (v2.42a)

Bob Bruninga wrote

> A local up here said the GPS-45 was going in his local boat store for
> \$150. We on the voice repeter asked for details, but then they guy backed
> off and couldnt remember the exat model number, nor the name of the store.
> But it is a good reminder to check out your favorite GPS stores to look
> for XMAS sales and year end closeouts. They may have been dumping old
> GPS-45's to clear out stock for the newer 45xl...
>

> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
> GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

I saw a Magellen 2000 advertised by Kmart for \$150 this past Sunday.
I don't know anything about this GPS. Is it a good one for APRS?

Rich WB6EEE

From sproul@ap.org Wed Dec 18 11:14:36 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA23564 for <aprssig@tapr.org>; Wed, 18 Dec 1996 11:14:33 -0600 (CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id MAA20724; Wed, 18 Dec 1996 12:08:10 -0500

X-Sender: sproul@165.1.6.1

Message-Id: <v03007807aeddd2897eca@[165.1.27.20]>

In-Reply-To: <1.5.4.32.19961218162545.006abd84@pop3.galesburg.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 18 Dec 1996 11:59:03 -0500

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: Re: [APRSSIG:7418] WinAPRS 1.1.7 Question?

Cc: derryb@galesburg.net

>Hi I have been watching this list for a while and I havn't heard anyone
>complain about this:

>

>Unhandled Exception: c0000005

>At address: 00449394

>Top of stack: 004a805c

>

>HELP!

>

Unfortunately, that is a standard WINDOWS trap, and the data (address, stack) is useless, I have tried to figure out stuff from it but its impossible.

If you have a REPEATABLE crash, meaning that you can go thru a specific set of actions and it crashes, PLEASE, send it to me (private, not to the SIG) and I will try my best to figure out what is going on.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From jkozak@erols.com Wed Dec 18 11:32:29 1996

Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA25040 for <aprssig@tapr.org>; Wed, 18 Dec 1996 11:32:27 -0600 (CST)

Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by smtp1.erols.com (8.7.5/8.7.3) with SMTP id MAA20396 for <aprssig@tapr.org>; Wed,

18 Dec 1996 12:32:25 -0500 (EST)
Date: Wed, 18 Dec 1996 12:32:25 -0500 (EST)
Message-Id: <199612181732.MAA20396@smtp1.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:7407] Radio Shack Kenwood and others?

Bruce Douberley wrote..

>We had our annual Ham Club Christmas dinner last night and a discussion of
our deteriorating band conditions ensued.
>One thing that was brought up was that certain amateur equipment
manufacturer(s) is/are flooding the market with 2mtr/70cm and HF gear. Do
they see the handwriting on the wall and are emptying their warehouses? No
problem - right - except that it is being done through TRUCK STOPS (maybe
other places too). One of our members has been a ham for 8 years and is a
truck driver and confirmed this as so. Just stop in and buy no questions
asked. That is why there is garbage on the air calling itself "The Ham From
Hell" and I am sure others turning the spectrum into what we all feared.
>

Non amateur radio sales is NOT anything new. I have seen CB'ers shacks that
would make most hams envious. And these are people who don't operate
anywhere but on the CB channels. This has been a very large market for
Amateur HF equipment for years. Boaters also buy these radios. They are much
cheaper than the legal marine SSB radios. A lot of SWL'ers buy Ham
trancievers rather than just recievers to do their listening and never hook
a mike up to them. After all, they are going to get their ticket 'one of
these days' All of the major manufacturers and retailers have made a large
part of their income on these Non-Ham sales. I doubt that we would have the
selection or prices on equipment that we have today if ONLY licensed
amateurs were able to buy these radios. The fact is that the Amateur
community is a rather small one and there would not be enough of a market to
attract the manufacturers attention if their sales were restricted to
licensed amateurs. Be careful of what you ask, you may get it and have to
suffer the consequences!

Anyway, Whats this have to do with APRS?

John Kozak; N3AGG
jkozak@erols.com (Blast me at this address!)

From tparsons@peak.org Wed Dec 18 11:33:35 1996
Received: from PEAK.ORG (root@PEAK.ORG [198.68.22.17]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA25352 for <aprssig@tapr.org>; Wed, 18 Dec 1996
11:33:33 -0600 (CST)
Received: from parsont (midgard92.PEAK.ORG [198.68.22.92]) by PEAK.ORG
(8.6.13/8.6.7) with SMTP id JAA26478 for <aprssig@tapr.org>; Wed, 18 Dec 1996
09:33:37 -0800

Message-Id: <2.2.32.19961218173211.00699128@peak.org>
X-Sender: tparsons@peak.org
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Dec 1996 09:32:11 -0800
To: aprssig@tapr.org
From: Tyler Parsons <tparsons@peak.org>
Subject: Re: [APRSSIG:7411] Re: subscribe

At 09:08 12/18/96 -0600, I wrote:

>You sent your message to the entire list, but not the list server.
>Send a message to <listproc@tapr.org> with the following in the body:
>subscribe aprssig
>
>Tyler Parsons PLS WB7DDL USMA '68 etc.

I appologize to the entire list for not looking at the header when
replying.
Just trying to help the guy out. I have since sent him a direct message.

Tyler Parsons PLS WB7DDL USMA '68
tparsons@peak.org Corvallis, Oregon
<http://www.peak.org/~parsonst/>
Ray Bradbury: "We are an impossibility in an impossible universe."

From alan@ernest.itg.ti.com Wed Dec 18 11:41:10 1996
Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA25817 for <aprssig@tapr.org>; Wed, 18 Dec 1996
11:41:09 -0600 (CST)
Received: from ernest.itg.ti.com ([172.25.50.162]) by dragon.ti.com (8.6.13) with
SMTP id LAA17764 for <aprssig@tapr.org>; Wed, 18 Dec 1996 11:40:38 -0600
Received: by ernest.itg.ti.com (Smail3.1.28.1 #4)
id m0vaPyC-0000ZxC; Wed, 18 Dec 96 11:39 CST
Message-Id: <m0vaPyC-0000ZxC@ernest.itg.ti.com>
From: alan@ernest.itg.ti.com (Alan Edmonds)
Subject: Re: [APRSSIG:7422] Re: Xmas specials
In-Reply-To: <9612181656.AB00129@sv0001dev.dev.schwab.com> from
"rbeckett@schwab.com" at "Dec 18, 96 10:59:56 am"
To: aprssig@tapr.org
Date: Wed, 18 Dec 1996 11:39:50 -0600 (CST)
Organization: Texas Instruments, Inc. Plano TX
X-Mailer: ELM [version 2.4ME+ PL26 (25)]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> I saw a Magellen 2000 advertised by Kmart for \$150 this past Sunday.
> I don't know anything about this GPS. Is it a good one for APRS?
>
> Rich WB6EEE

I think the 2000 has a built-in antenna with no provision for external antenna. In my opinion, this makes it less-than-ideal for APRS.

--

Alan Edmonds, KB5ZUY	Texas Instruments, Inc.
System Administrator, Composer Development	M/S 8515
Phone: +1-972-575-6427	6620 Chase Oaks Blvd.
Email: Alan.Edmonds@ti.com	Plano, TX, USA 75023

From khufford@erols.com Wed Dec 18 11:57:30 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA26613 for <aprssig@tapr.org>; Wed, 18 Dec 1996 11:57:28 -0600 (CST)
Received: from khufford.dot.gov ([152.120.98.42]) by smtp1.erols.com (8.7.5/8.7.3) with ESMTP id MAA23711 for <aprssig@tapr.org>; Wed, 18 Dec 1996 12:57:26 -0500 (EST)
Message-Id: <199612181757.MAA23711@smtp1.erols.com>
From: "Kent Hufford" <khufford@erols.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7419] Re: WinAPRS startup
Date: Wed, 18 Dec 1996 13:03:11 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Some laptops do NOT supply the correct voltage to support the HSP cable. All my
Toshibas did. My current TI does not. I had to add a 9vdc battery to the serial cable to support the hsp.

> From: Mark Sproul <sproul@ap.org>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7419] Re: WinAPRS startup
> Date: Wednesday, December 18, 1996 11:49 AM
>
> >GM All,
> > I recently received an APRS cable from Kantronics that is supposed to allow
> >the use of the KPC-3 and a GPS 45 on a laptop with one com port. My
problem
> >is the error message I get on startup:"Port failed to open." I tried the
> >debug-
> >ging routine (shift key on startup). It tells me:
> >Serial Library "serthunk.dll" loaded OK
> >Calling SerialOpen
> >Returned from SerialOpen
> > (TNC setup commands issued)

> >Calling SerialOpen
> > (I see info received via radio at the bottom of screen)
> >Returned from SerialOpen
> >
> > When I hit OK to the last dialog box, The "port failed to open" box
appears
> >and the program stops. Any ideas on this problem would be greatly
appreciated.
> >
> >73s de Jonathan
> >
> >TNX & 73s de ko6xs, Jon
> >
> >
> >
> If you are using Windows 3.1, the HSP support is not finished, I have to
> update the SER16DLL.DLL file which I dont have done yet.
> >
> If you are using Win95, then you must have the new SERIAL32.DLL, look at
> the INTERNAL STATE WINDOW, and it will tell you if HSP mode is available,
> if you are using the old DLL, then it wont be available.
> >
> If this doesnt solve the problem, send me another message (private not to
> the sig) with full details and I will look into it.
> >
> >
> Mark
> >
> >

> Mark Sproul	|Amateur Radio: KB2ICI
> Software Engineer @ Assoc Press	|
> sproul@ap.org	|Work: 609-860-7120
> North Brunswick, NJ	|Fax: 609-860-7129
> http://msproul.rutgers.edu/	

>
>

From kc5ejk@onramp.net Wed Dec 18 13:02:05 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA00790 for <aprssig@tapr.org>; Wed, 18 Dec 1996
13:01:59 -0600 (CST)
Received: from [199.1.11.144] (dal44.onramp.net [199.1.11.144]) by
mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id NAA04288 for <aprssig@tapr.org>;
Wed, 18 Dec 1996 13:01:47 -0600 (CST)
Message-Id: <v03007801aedde6002779@[199.1.11.114]>
In-Reply-To: <32B7B327.6F29@cris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Dec 1996 13:02:05 -0600
To: aprssig@tapr.org

From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7404] Re: dfJr

Thanks for the DFjr tips about testing with a scope and not a VOM.
and adding a pre-amp to up the gain before closing in on the fox.

>The VOM is not a good way to test the antenna, a scope is,
>proper voltage swings need to be observed,
>as when we test before ship.

I am glad you reminded us of the problem of a momentary squirt
of xmit from some HT's . I have read about lots of 2.5 GHZ downconverters
fried by a single small bleep of RF.

>some HT's will transmit momentarily, just enough time to cause the damage.
>Receivers are recommended, ICOM, Yaseu, Kenwood, etc. not scanners, they
>are junk.

But a scanner is a good tool to use to test and help setup the DFjr.
It will keep you out of trouble as you learn to use the DF unit. It
will pull in station that are on 24 hr/day to allow late night
testing.

The scanner will work well to track strong signals like repeaters and
the NOAA weather stations.

The wide front end of a cheap scanner will give lots of intermod on
2 meters and as Joe said is not the best solution, but it does work.

You can also find some RS HTX-202 with blown finals at a sidewalk sale
and use them as receive only.
(a HTX-202 at 13.5+ volts outputs 8 to 9 watts and can get HOT !)

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From jagrelo@cris.com Wed Dec 18 14:01:25 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA03923 for <aprssig@tapr.org>; Wed, 18
Dec 1996 14:01:24 -0600 (CST)
Received: from crc3.pop3.net (cnc059048.concentric.net [206.83.77.48])
by newman.cris.com (8.8.3/(96/11/08 1.11))
id PAA14829; Wed, 18 Dec 1996 15:01:21 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Message-ID: <32B8791E.7961@cris.com>

Date: Wed, 18 Dec 1996 15:07:10 -0800
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7428] Re: dfJr
References: <v03007801aedde6002779@[199.1.11.114]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Robert Winingham wrote:

> >some HT's will transmit momentarily, just enough time to cause the damage.
> >Receivers are recommended, ICOM, Yaseu, Kenwood, etc. not scanners, they
> >are junk.
>
> But a scanner is a good tool to use to test and help setup the DFjr.
> It will keep you out of trouble as you learn to use the DF unit. It
> will pull in station that are on 24 hr/day to allow late night
> testing.

I admit that my statement of all scanners are junk was a bit harsh, some
are
pretty good.

73 De Joe N200C (new address & phone effective 8/15)
XX
Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

From aa0mm@cjnetworks.com Wed Dec 18 14:13:34 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA04674 for <aprssig@tapr.org>; Wed, 18
Dec 1996 14:13:33 -0600 (CST)
Received: from LOCALNAME (Port144.cjnetworks.com [206.52.159.166]) by
topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id OAA23461 for <aprssig@tapr.org>;
Wed, 18 Dec 1996 14:12:48 -0600 (CST)
Message-ID: <32B86D3E.38EC@cjnetworks.com>
Date: Wed, 18 Dec 1996 14:16:30 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.01Gold (Win16; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7397] Re: APRS/Java ..
References: <199612180046.TAA17503@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> >I have it loaded on my PC. I am not sure what you are referring to, with
> >APRS JAVA..., however, I have tried to use it on live APRS sites, with
> >no success. It just tells me that the browser does not have JAVA
> >capability. I was wondering about the same thing...
> >What are you all using for JAVA to view the live APRS sites?? JAVA is
> >very new to me, and I know very little about it..
>
> The live sites have the javAPRS applet on them, it is the only way to see
> them.
>
> Confirming you have the (brand new, one day old) beta Netscape 3.01 for
> Windows 3.1 with java support? You need to enable java on one of the
> preference dialogs.
>
> Steve K4HG
OK, I checked on that.
In Options, Network Preferences, Languages, Enable JAVA script WAS
ENABLED!..
All I got was a message that the Browser was not set to accept JAVA when
I went to a JAVAPRS site... I will try and let you know if it ever
does..
CUL De Ross.

From mheskett@starttext.net Wed Dec 18 14:46:11 1996
Received: from lepton.starttext.net (lepton.starttext.net [205.172.60.12]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA06819 for <aprssig@tapr.org>; Wed, 18
Dec 1996 14:46:08 -0600 (CST)
Received: from mheskett (starttext.net [205.172.60.10]) by lepton.starttext.net
(8.7.5/8.7.3) with SMTP id OAA16241 for <aprssig@tapr.org>; Wed, 18 Dec 1996
14:47:25 -0600 (CST)
Message-ID: <32B857D1.5CF4@mail.starttext.net>
Date: Wed, 18 Dec 1996 14:45:05 -0600
From: Mike Heskett <mheskett@starttext.net>
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprs <aprssig@tapr.org>
Subject: KPC-3 Settings
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Today, I converted one of our existing digipeaters from a KPC-2 to a
KPC-3. The digi also runs APRSdos 7.7e. It uses the standard
INITTAPR.TNC file. One alias is WIDE, one is RELAY. The Unproto path is
APRS v WIDE. What happens is that the digi transmits and sees its own

packet. Therefore it also transmits it as a WIDE.

MXMIT is OFF (at least it says it is - doesn't act like it).
INTERFACE is set to TERM. Things display correctly.

If I send a packet via WIDE,WIDE, the digi transmits it twice.

What am I missing?

--

==/==/==/==/==/==/==/==/==/==/==/==/==/==/==/==/==/==/==/

Mike Heskett email mheskett@startext.net
WB5QLD packet WB5QLD@W05H.#DFW.TX.USA.NOAM
Hurst, TX
O-

From ccdapple@wtp.net Wed Dec 18 15:54:15 1996

Received: from mailsrv2.pcy.mci.net (mailsrv2.pcy.mci.net [204.71.1.40]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA10706 for <aprssig@tapr.org>; Wed, 18
Dec 1996 15:54:13 -0600 (CST)

Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET
(PMDF V5.0-7 #10045) id <01ID5V2JVFMO9EE8U0@MAIL-CLUSTER.PCY.MCI.NET> for
aprssig@tapr.org; Wed, 18 Dec 1996 16:52:48 -0500 (EST)

Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET
(PMDF V5.0-7 #10044) id <01ID5V23KDVS9FNGR2@MAIL-CLUSTER.PCY.MCI.NET> for
aprssig@tapr.org; Wed, 18 Dec 1996 16:52:18 -0500 (EST)

Received: from wtp1-6.wtp.net by wtpprod1.wtp.net;
(5.65/1.1.8.2/19Aug95-0853PM) id AA01072; Wed, 18 Dec 1996 14:51:57 -0700
Date: Wed, 18 Dec 1996 14:54:26 -0700

From: Chris Dapples <ccdapple@wtp.net>

Subject: Building New Station

To: APRSSig <aprssig@tapr.org>

Reply-to: ccdapple@wtp.net

Message-id: <32B86812.AFC@wtp.net>

MIME-version: 1.0

X-Mailer: Mozilla 3.01 (Win95; I)

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Greetings All,

I am starting to setup an APRS gateway station here
in south central Montana. I have tried running on HF for
several days and can hear many stations, but I doubt anyone
could hear me. My location is in a valley at the base of the
Beartooth Mountains (NE entrance to Yellowstone Park). I would
like to put up a remote WX and possibly VHF base up in the mountains
that will be useful during fire season but that will
have to wait until the summer. In the mean time I want to start
assembling the necessary stuff to make it all work.

So my immediate question is for those of you running
HF gateways on 30 meters (10,149.30 FSK). What antennas do you
use? Could I get away with using a vertical, possibly one for
mobile? How much power are you running?

Any station descriptions would be appreciated.
Thanks es 73, Chris / KF7KN
ccdapple@wtp.net

From smithal@ix.netcom.com Wed Dec 18 15:56:21 1996
Received: from dfw-ix7.ix.netcom.com (dfw-ix7.ix.netcom.com [206.214.98.7]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA10867 for <aprssig@tapr.org>; Wed, 18 Dec 1996 15:56:20 -0600 (CST)
Received: from (smithal@den-co44-24.ix.netcom.com [207.94.245.88]) by dfw-ix7.ix.netcom.com (8.6.13/8.6.12) with SMTP id NAA19790 for <aprssig@tapr.org>; Wed, 18 Dec 1996 13:55:47 -0800
Date: Wed, 18 Dec 1996 13:55:47 -0800
Message-Id: <199612182155.NAA19790@dfw-ix7.ix.netcom.com>
From: smithal@ix.netcom.com (Arthur L. Smith)
Subject: Unsubscribe
To: aprssig@tapr.org

From rwf@mindspring.com Wed Dec 18 16:33:59 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA12746 for <aprssig@tapr.org>; Wed, 18 Dec 1996 16:33:58 -0600 (CST)
Received: from default (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by mule0.mindspring.com (8.8.2/8.7.3) with SMTP id WAA12356 for <aprssig@tapr.org>; Wed, 18 Dec 1996 22:33:56 GMT
Message-Id: <3.0.32.19961218173124.006bd39c@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Wed, 18 Dec 1996 17:34:07 -0500
To: aprssig@tapr.org
From: Ralph Fowler N4NEQ <rwf@mindspring.com>
Subject: Re: [APRSSIG:7417] Re: Question on balloons
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yep- It is called a "Zero-Pressure" balloon and one was just launched a couple of months ago in Alabama. My Group, The Atlanta Balloonatics, was who recovered it once it got to Atlanta. Lots of times Bill Brown, WB8ELK, sends his balloons this way because he knows we have a lot of hunters here and that we heartily embrace APRS.

This particular balloon was going to float until commanded down. It looked like a 50 ft tall , limp dry cleaner's bag. Unfortunately the balloon tore on the first launch attempt and the hole reopened at about 37000 ft. Instead of floating for hours and being cut down here in my back yard (yes, Bill can really calculate them that closely) it went down on its own, but using APRS and the Directional Systems Doppler DF, we found it in minutes. Bill hopes the next one will have a very extended flight.

Hey- does anyone out West want to send one over here to us?

If you want to read more about it and see pictures, too- try the following

web address:

<http://fly.HiWAAY.net/~bbrown/halo5.htm>

By the way, we organized the recovery team in a few hours- we had not been notified of the flight until 11:00 the night before.

More balloonatics info is at: <http://www.mindspring.com/~rwf> as are pictures of the Directional Systems DF unit we use.

Ralph

At 10:20 AM 12/18/96 -0600, you wrote:

>On Tue, 17 Dec 1996 bob.hartman@wllo.com wrote:

>

>> I read with some interest your comments on using the APRtrak tracking
>> program ... and ... that APRS has been used on many balloons, but...
>> has anyone ever launched a balloon that wouldn't break at 100K
>> altitude, but instead ride the wind currents across the USA?

From lhousey@excel.net Wed Dec 18 16:37:51 1996

Received: from excel.net (root@excel.net [156.46.156.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA12935 for <aprssig@tapr.org>; Wed, 18 Dec 1996
16:37:48 -0600 (CST)

Received: from crow.excel.net (crow.excel.net [156.46.156.107]) by excel.net
(8.6.12/8.6.12) with SMTP id QAA19778 for <aprssig@tapr.org>; Wed, 18 Dec 1996
16:38:00 -0600

Date: Wed, 18 Dec 1996 16:38:00 -0600

Message-Id: <1.5.4.16.19961218163544.41c78af8@excel.net>

X-Sender: lhousey@excel.net

X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Josh Housey <lhousey@excel.net>

Subject: APRS on an 8088

Helloto everyone on the sig. The name here is Josh located in Sheboygan Wisconsin. I have a problem with working DOS Aprs working on an 8088 system. The question is that when I start APRS on this computer I get a weird error, and the program won't load at all. I am running an 8088 with a black/white monitor with a Hercules video adapter. Does anyone know why it is doing this??? The main reason I want it to work on my 8088 is because I do not want to use the main computer which is a 486 for APRS all the time, and want to use the 8088 because it's main purpose is to use for packet and APRS. If anyone has an answer to this problem will be appreciated!

Thanks.

73

Josh

Josh, Lee, Linda, Steve, Travis, and Tim Housey
lhousey@excel.net
Sheboygan, Wisconsin
Amateur Radio: Josh, KG9BO es Lee, N9YLS
Packet: KG9BO@N9GHE.#MTW.WI.USA.NA
Packet: N9YLS@N9GHE.#MTW.WI.USA.NA
Latitude: 43' 45" N
Longitude: 87' 43" W

From amirault@laraby.tiac.net Wed Dec 18 16:50:27 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA13834 for <aprssig@tapr.org>; Wed, 18 Dec 1996
16:50:25 -0600 (CST)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.2/8.6.6.Beta9) id
RAA27627; Wed, 18 Dec 1996 17:52:22 -0500 (EST)
Date: Wed, 18 Dec 1996 17:52:22 -0500 (EST)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7426] Re: Xmas specials
In-Reply-To: <m0vaPyC-0000ZxC@ernest.itg.ti.com>
Message-ID: <Pine.BSF.3.91.961218175133.27244C-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Dec 1996, Alan Edmonds wrote:

>
> > I saw a Magellen 2000 advertised by Kmart for \$150 this past Sunday.
> > I don't know anything about this GPS. Is it a good one for APRS?
> >
> > Rich WB6EEE
>
> I think the 2000 has a built-in antenna with no provision for external
> antenna. In my opinion, this makes it less-than-ideal for APRS.

Yes, but neither does the Tripmate, and it seems to be getting very popular.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From bruninga@nadn.navy.mil Wed Dec 18 17:06:40 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA14662 for <aprssig@tapr.org>; Wed, 18
Dec 1996 17:06:38 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id SAA20313 for <aprssig@tapr.org>; Wed, 18 Dec 1996
18:11:56 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Dec 1996 18:11:56 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7431] KPC-3 Settings
In-Reply-To: <32B857D1.5CF4@mail.startext.net>
Message-ID: <Pine.GSO.3.95.961218180952.20043C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Dec 1996, Mike Heskett wrote:

> Today, I converted one of our existing digipeaters from a KPC-2 to a
> KPC-3. The digi also runs APRSdos 7.7e. It uses the standard
> INITTAPR.TNC file. One alias is WIDE, one is RELAY. The Unproto path is
> APRS v WIDE. What happens is that the digi transmits and sees its own
> packet. Therefore it also transmits it as a WIDE.

APRSdos REPLY/COMMENT: Call KANTRONICS and speak to the boss. THE KPC
needs to be able to IGNORE its own transmitted packets. If you are using
an MFJ data radio or any other radio that hears its own transmissions,
then you will have this problem! It needs to be fixed in the TNC...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From gvb@emi.net Wed Dec 18 17:17:47 1996
Received: from florence.emi.net (root@florence.emi.net [204.181.45.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA15138 for <aprssig@tapr.org>; Wed, 18 Dec 1996
17:17:46 -0600 (CST)
Received: from gbowman (miamic5.emi.net [206.160.153.252]) by florence.emi.net
(8.6.10/8.6.10) with SMTP id TAA02383 for <aprssig@tapr.org>; Wed, 18 Dec 1996
19:28:43 -0500
Message-ID: <32B87BCD.4F19@emi.net>
Date: Wed, 18 Dec 1996 18:18:37 -0500
From: Greg <gvb@emi.net>
Reply-To: gvb@emi.net
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7435] APRS on an 8088
References: <1.5.4.16.19961218163544.41c78af8@excel.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Josh Housey wrote:

>
> Hello to everyone on the sig. The name here is Josh located in Sheboygan
> Wisconsin. I have a problem with working DOS Aprs working on an 8088 system.
> The question is that when I start APRS on this computer I get a weird error,
> and the program won't load at all. I am running an 8088 with a black/white
> monitor with a Hercules video adapter. Does anyone know why it is doing
> this??? The main reason I want it to work on my 8088 is because I do not
> want to use the main computer which is a 486 for APRS all the time, and want

Received: from LOCALNAME (61037d0003at.concentric.net [206.173.85.159])
by cliff.cris.com (8.8.3/(96/11/08 1.11))
id TAA08028; Wed, 18 Dec 1996 19:53:15 -0500 (EST)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>
Message-ID: <32B8AE18.3001@concentric.net>
Date: Wed, 18 Dec 1996 18:53:12 -0800
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7434] Re: Question on balloons
References: <3.0.32.19961218173124.006bd39c@mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ralph Fowler N4NEQ wrote:

>
> Yep- It is called a "Zero-Pressure" balloon and one was just launched a
> couple of months ago in Alabama. My Group, The Atlanta Balloonatics, was
> who recovered it once it got to Atlanta. Lots of times Bill Brown, WB8ELK,
> sends his balloons this way because he knows we have a lot of hunters here
> and that we heartily embrace APRS.

Bill doesn't have any control over where they are going to land by the way. In
the future they may be able to direct (Or pick) a landing site using a
controllable parasail that the Huntsville group is playing with. But the winds
aloft is going to take it where it want to. Also the balloon while being made
ready touched the ground and that's what ripped the hole in the balloon.

>
> This particular balloon was going to float until commanded down. It looked
> like a 50 ft tall , limp dry cleaner's bag. Unfortunately the balloon tore
> on the first launch attempt and the hole reopened at about 37000 ft.
> Instead of floating for hours and being cut down here in my back yard (yes,
> Bill can really calculate them that closely) it went down on its own, but
> using APRS and the Directional Systems Doppler DF, we found it in minutes.
> Bill hopes the next one will have a very extended flight.

Yes this balloon would have gone right to the coast if there wouldn't have
leaked.

>
> Hey- does anyone out West want to send one over here to us?
>
> If you want to read more about it and see pictures, too- try the following
> web address:
>
> <http://fly.HiWAAY.net/~bbrown/halo5.htm>
>
> By the way, we organized the recovery team in a few hours- we had not been
> notified of the flight until 11:00 the night before.
>

> More balloonatics info is at: <http://www.mindspring.com/~rwf> as are
> pictures of the Directional Systems DF unit we use.
>
> Ralph
>
> At 10:20 AM 12/18/96 -0600, you wrote:
> >On Tue, 17 Dec 1996 bob.hartman@wlio.com wrote:

Yes the Atlanta group did a great job of tracking it, and how about the lady that called the police when it landed in the field. There's suppose to be another balloon launch on december the 5th but don't think it will be on 2 meters at all. There's also going to be a rocket launched sometime in Feb that will go into outer space, keep checking Bill Browns home page for this. By the way the main payload on that flight was build and owned by Ed KE4ROC.

--

\\///
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

From bruninga@nadm.navy.mil Wed Dec 18 18:59:25 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21892 for <aprssig@tapr.org>; Wed, 18 Dec 1996 18:59:23 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id UAA22452 for <aprssig@tapr.org>; Wed, 18 Dec 1996 20:04:40 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Dec 1996 20:04:40 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7435] APRS on an 8088
In-Reply-To: <1.5.4.16.19961218163544.41c78af8@excel.net>
Message-ID: <Pine.GS0.3.95.961218200352.22390A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Dec 1996, Josh Housey wrote:

> Helloto everyone on the sig. The name here is Josh located in Sheboygan
> Wisconsin. I have a problem with working DOS Aprs working on an 8088 system.
> The question is that when I start APRS on this computer I get a weird error,
> and the program won't load at all. I am running an 8088 with a black/white
> monitor with a Hercules video adapter. Does anyone know why it is doing

APRSDOS REPLY/COMMENT: Read the INSTALL.TXT file which says up front that APRS will not work with any non-standard video cards such as Hercules...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From ae4ko@magicnet.net Wed Dec 18 19:25:48 1996
Received: from magicnet.magicnet.net (root@magicnet.magicnet.net [204.96.116.9])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA23127 for <aprssig@tapr.org>; Wed,
18 Dec 1996 19:25:47 -0600 (CST)
Received: from ae4ko-95.magicnet.net (pm10-18.magicnet.net [206.104.204.51]) by
magicnet.magicnet.net (8.6.13/8.6.12) with SMTP id UAA20938 for
<aprssig@tapr.org>; Wed, 18 Dec 1996 20:25:45 -0500
Message-Id: <199612190125.UAA20938@magicnet.magicnet.net>
Comments: Authenticated sender is <ae4ko@mailhost.magicnet.net>
From: "Aaron Morrison" <ae4ko@magicnet.net>
Organization: Magicnet, Inc.
To: aprssig@tapr.org
Date: Wed, 18 Dec 1996 20:25:58 -4
Subject: Re: [APRSSIG:7440] Re: qbasic availability
Reply-to: ae4ko@magicnet.net
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42)

> At 01:19 PM EST 12/17/96 -0600, you wrote:
> >On Tue, 17 Dec 1996, jack swift wrote:
> >
> >> I decided to check the price of QB version 4.5 ---- can't find it
> >anywhere!!!
> >
> >APRSdos REPLY/COMMENT: If Microsoft is truely no longer selling or
> >supporting QB.exe then is it legal to share it or post it? QB is
> >the big brother of QBASIC.exe included in all DOS operating systems
> >and is needed to run the source code for MAPFIX.. Any legal
> >opinions? Im sure it is still copyrighted etc... but what the
> >heck...

Most obvious legal "opinion" here is to compile mapfix to EXE form
and distribute that per the license agreement. I know one who owns
the professional version of the above (Visual Basic for DOS) and has
already compiled it (and fixed a couple of bugs to boot!).
Distribution would be a snap!

73 de AE4K0, Aaron.

--

ae4ko@magicnet.net "I drank what?" - Last words of Socrates.
<http://www.magicnet.net/~ae4ko/home.html>
Orlando, FL

From schiers@ames.net Wed Dec 18 19:27:06 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA23212 for <aprssig@tapr.org>; Wed, 18 Dec 1996
19:27:04 -0600 (CST)
From: schiers@ames.net

Received: from HASAN (Dschiers@nevia.net [206.29.127.230]) by brain.ames.net (8.6.12/8.6.9) with SMTP id TAA12276 for <aprssig@tapr.org>; Wed, 18 Dec 1996 19:25:14 -0600

Message-Id: <199612190125.TAA12276@brain.ames.net>

Date: Wed, 18 Dec 96 19:06:30 -0600

To: aprssig@tapr.org

Subject: NetScape for OS/2 Java Works

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

The FINAL release (not a beta) of NS/2 for OS/2 Warp is available. I have tested it at wa4dsy and at wb4apr. It seems to work perfectly for both. This is REAL progress, as the previous two betas didn't work at all for these java sites.

The software can only be downloaded from your Warp icon which says "Get Netscape Navigator". You will want to download both nsos202.exe and plugpack.exe. Good instructions are provided in the release notes. Read them BEFORE downloading the software.

Installation is pretty simple under Warp 4.0. There are some strong caveats about Warp 3.0..it will work, but the install is more complex.

Warnings:

You MUST uninstall either beta if present, BEFORE you install NS/2 FINAL version. To do this:

Open an OS/2 window, change to the directory from which you installed the NS/2 beta. Note: this is NOT the directory that the NS/2 beta is installed in, but the temporary directory where the install files are located. If you erased these files, re-extract them to a temporary directory. From this temp install directory issue the command: install /A:D and follow the prompts to select and uninstall the beta. In order to process locked files a couple of re-boots are required during de-install and install.

Installing NS/2 will overwrite some of your existing Warp 4.0 files. If you are worried (or careful) copy them to another location before you overwrite them. You are warned for each overwrite if you DO NOT select "yes to all".

First install NS/2 Navigator, THEN install the PLUGPACK. Create a separate temporary directory for the NS/2 install files and the PLUGPACK install files. DO NOT USE SPACES in the directory names! I used nstmp and plugtmp and it worked fine.

Your Warp java will be updated to 1.02 by installing NS/2.

Initial Impressions:

1. NS/2 final release is MUCH faster than the betas. Maybe due to the debug code being removed?
2. All the java pages, even non-APRS that I have checked seem to work properly.
3. It's free...but be sure to register (from inside Netscape, choose help, register.)
4. Contrary to what the betas were like, JAVA is enabled by default. In the betas you had to turn java on or it didn't work.

If you are NOT using the IBM built in dialer (and very few of us are), you will have to highlight the NS/2 icon, then right click and go to "properties". In that screen you will see the main program call to be "Linkup.exe" and the argument "Netscape". This MUST be changed if you are using a dialer like In-Joy or any other non-IBM dialer. The change is simple: Replace Linkup.exe with Netscape.exe and delete netscape.exe from the argument window. If you fail to make this change, you will get a message saying you aren't connected to the internet, do you want to connect now?

My apologies to the sig, in that not that many people are necessarily running OS/2. However, those that are, will find this information very helpful and its purpose is to get those people access to the javaAPRS sites, which I find most intriguing.

hasan schiers, NOAN

schiers@ames.net

From casey@acm.org Wed Dec 18 19:39:53 1996

Received: from lepton.starttext.net (lepton.starttext.net [205.172.60.12]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA24057 for <aprssig@tapr.org>; Wed, 18 Dec 1996 19:39:51 -0600 (CST)

Received: from casey6.esy.com (st54.starttext.net [207.55.175.54]) by lepton.starttext.net (8.7.5/8.7.3) with SMTP id TAA12876 for <aprssig@tapr.org>; Wed, 18 Dec 1996 19:41:09 -0600 (CST)

Message-ID: <32B88CBB.1961@acm.org>

Date: Wed, 18 Dec 1996 19:30:51 -0500

From: Rich Casey <casey@acm.org>

Organization: N5CSU

X-Mailer: Mozilla 2.0 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Dallas WIDE

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Greetings all:

We've changed the E-Systems APRS club station, k5qbm-2, to a WIDE. It

seems to cover the Dallas area quite well and connects nicely with the Fort Worth WIDE, WA5YVC-11. It is currently a digi only; I'll install APRS over the holidays.

Please report any problems with the digi to myself AND Matt, aa5wh, at mthomas@whynet.

73, Rich/csu

D/FW APRS Home Page: <http://www.starttext.net/homes/rcasey/aprs.htm>

--

Rich Casey, Dallas TX | Member: ARRL, AMSAT, ACM, TAPR
casey@acm.org | Ham Radio N5CSU
<http://www.starttext.net/homes/rcasey> | Think globally, connect locally

From davew@cruzio.com Wed Dec 18 19:46:51 1996
Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA24424 for <aprssig@tapr.org>; Wed, 18 Dec 1996 19:46:47 -0600 (CST)
Date: Wed, 18 Dec 1996 19:46:47 -0600 (CST)
Received: from pine222.cruzio.com by bbs.cruzio.com id aa12004; 18 Dec 96 17:35 PST
X-Sender: davew@mail.cruzio.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:7375] HF station up
Message-ID: <9612181735.aa12004@bbs.cruzio.com>

At 10:01 AM 12/17/96 -0600, you wrote:

>Hi All KF7KN here in Red Lodge Montana,
>
> I have just started an HF APRS station. I see over
>two dozen HF stations on my us map. But, I am wondering if
>I show up on anyone elses aprs map?
>
> 73, Chris / KF7KN
> ccdapple@wtp.net
>
>.-
>

What band are you on?

Dave
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA
"positive rate, gear up, flaps to initial....I'm outa here!"

From davew@cruzio.com Wed Dec 18 20:38:11 1996
Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA27621 for <aprssig@tapr.org>; Wed, 18 Dec 1996 20:38:08 -0600 (CST)
Date: Wed, 18 Dec 1996 20:38:08 -0600 (CST)
Received: from pine222.cruzio.com by bbs.cruzio.com id aa03766;
18 Dec 96 18:31 PST
X-Sender: davew@mail.cruzio.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:7410] Xmas specials
Message-ID: <9612181831.aa03766@bbs.cruzio.com>

At 08:55 AM 12/18/96 -0600, you wrote:

>A local up here said the GPS-45 was going in his local boat store for
>\$150. We on the voice repeter asked for details, but then they guy backed
>off and couldnt remember the exat model number, nor the name of the store.
>But it is a good reminder to check out your favorite GPS stores to look
>for XMAS sales and year end closeouts. They may have been dumping old
>GPS-45's to clear out stock for the newer 45xl...
>

The company I work for (which will remain nameless so I do not seem too commercial) has been selling GPS-45's (and some other models) as "Distressed" (used but good) at quite a savings off the usual price. Perhaps this is what the person was refering to.

Dave KD6TO
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA
"positive rate, gear up, flaps to initial....I'm outa here!"

From wo0e@sky.net Thu Dec 19 00:03:08 1996
Received: from sky.net (root@solar.sky.net [198.70.175.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA06539 for <aprssig@tapr.org>; Thu, 19 Dec 1996 00:03:06 -0600 (CST)
Received: from wo0e (ip153.sky.net [205.242.50.153]) by sky.net (8.7.5/8.7.3) with SMTP id WAA19716 for <aprssig@tapr.org>; Wed, 18 Dec 1996 22:18:53 -0600 (CST)
Message-ID: <32B86D21.1E75@sky.net>
Date: Wed, 18 Dec 1996 22:16:01 +0000
From: William L Lefler <wo0e@sky.net>
Reply-To: wo0e@sky.net
Organization: Creative Applications
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: RE: Kantronics Service
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I know! I knw! Get back on topic!

Well, I use the KAM in my shack for APRS, so perhaps this isn't too far off base. I have been experiencing some problems of late with my 1989 version KAM. It has taken to bouts of absolute jibberish (apart from my seemingly endless drive!) of late. I enjoy putting the KAM on 10.149.0 (FSK) and monitoring the APRS there, so I was rather bummed to have to go to the KPC-3 and VHF only.

Well, will all the talk about Kantronics service, I thought I would test the waters. I sent an email to the service department with my dilemma, and within 18 hours of sending the email, I had a reply frm the service manager. Not only did he respond, but he gave me the fix to my problem (the Dried Electrolytic cap syndrome spoken of here so recently). I tried the fix, and presto! I am back to listening to HF packets again.

While I am *extremely* impressed with Gwynn's responsiveness here on the sig, and when it comes time for me to up the bux for a tracker TNC for Mama's car it will be a Pico, I think credit is due to the Kantronics folks. They have come a long way in customer service.

(Sounds of me stepping down from my soap box now...)

BCNU "Lef" (Bill Lefler/W00E - Kansas City KS)

39.03.111N 094.45.070W

From n3jly@erols.com Thu Dec 19 00:03:26 1996

Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA06765 for <aprssig@tapr.org>; Thu, 19 Dec 1996 00:03:24 -0600 (CST)

Received: from LOCALNAME (col-as5s46.erols.com [206.161.172.46]) by smtp1.erols.com (8.7.5/8.7.3) with SMTP id AAA10700 for <aprssig@tapr.org>; Thu, 19 Dec 1996 00:01:09 -0500 (EST)

Date: Thu, 19 Dec 1996 00:01:09 -0500 (EST)

Message-Id: <199612190501.AAA10700@smtp1.erols.com>

X-Sender: n3jly@pop.erols.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Tony McConnell <n3jly@erols.com>

Subject: Magellan 2000

One small problem with the Magellan 2000 gps, it has no NEMA out.

The 3000 can be interfaced for an additional \$35, putting it around \$235, an external antenna can be added for about \$110(E&B Marine prices). It is externally identical to the 2000.

I've got one(3000) and am not thrilled with it. I use mine at work and it is useless at radio sites.

Tony N3JLI

From jrholley@brutus.bright.net Thu Dec 19 00:11:20 1996
Received: from sparticus.bright.net (brutus.bright.net [205.212.123.10]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA09001 for <aprssig@tapr.org>; Thu, 19
Dec 1996 00:11:17 -0600 (CST)
Received: from defil-cs-3.dial.bright.net (defil-cs-3.dial.bright.net
[205.212.119.103]) by sparticus.bright.net (8.8.3/8.6.12) with SMTP id FAA03612
for <aprssig@tapr.org>; Thu, 19 Dec 1996 05:46:37 GMT
Date: Thu, 19 Dec 1996 05:46:37 GMT
Message-Id: <1.5.4.16.19961219004537.37f798fe@mail.bright.net>
X-Sender: jrholley@mail.bright.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Holley <jrholley@brutus.bright.net>
Subject: Re: [APRSSIG:7415] Re: Peet Bros. U-500

At 10:06 AM 12/18/96 -0600, you wrote:

>Keith Sproul wrote:

>>

>> You need to use the DATA format that starts with "!!" to make it work with
>> WinAPRS and MacAPRS..

>>

>> I will also look at making it work with the sentence you mentioned (\$ULTWO..)

>

>.. and Mark also wrote;

>

>> We will take a look at it asap and make sure it works correctly. If it
>> doesnt, we will have it fixed ASAP.

>

>Thanks Keith and Mark;

>

>I tried setting it up the same way as the U-2000, with the TNC in GPS
>mode, but then APRSdos was mixing the BText in with the weather data.
>I didn't think to check if WinAPRS was displaying it properly that
>way. It was only after I failed, that I turned the page and saw the
>U-500 had a paragraph directing a different set up than for the
>U-2000.

>

>I reread the U-500 manual and according to it, the U-500 organises
>the serial output exactly the same as the U-2000. That would seem to
>imply that I could set it up either way, but it didn't work out.

>

>Since APRSdos is used almost exclusively in this area, I'll leave it
>as it is, for now.

>

>regards,

>Joe kf4dys

>

The problem with WinAPRS that i have run across is that you need 3
com ports

all on different IRQ's. You can't run the mouse on com1 and the wx on com3
if they are both sharing the same IRQ. I am hoping that this might help. 73

=====

Jim & Sandy Holley Defiance, Ohio 43512-2914
kb8vdt@amsat.org Registered APRS&WAPRS
jrholley@bright.net Member TAPR&ARRL
holley@saa.net w/alaises jim,sandy,kb8vdt@saa.net
Phone 419-782-0638

=====

From BordingK@aol.com Thu Dec 19 00:12:03 1996
Received: from emout12.mail.aol.com (emout12.mx.aol.com [198.81.11.38]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA09044 for <aprssig@tapr.org>; Thu, 19
Dec 1996 00:11:56 -0600 (CST)
From: BordingK@aol.com
Received: by emout12.mail.aol.com (8.6.12/8.6.12) id AAA07290 for
aprssig@tapr.org; Thu, 19 Dec 1996 00:35:41 -0500
Date: Thu, 19 Dec 1996 00:35:41 -0500
Message-ID: <961218202502_1288735861@emout12.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7382] Re: Peet Bros. U-500

While we're on the subject of Weather Stations, any method of selectively
filtering out manually entered weather stations? If not would Bob and The
Sproul Bros consider adding this feature? We're trying to set up a reliable
weather info system for the Ham and NWS use. Some folks enter wx data
manually when the mood strikes them, so totally inaccurate weather is reported
for extended periods.

de KF4COH
Ken in Jax

From knupke@babbage.csee.usf.edu Thu Dec 19 00:17:06 1996
Received: from babbage.csee.usf.edu (root@babbage.csee.usf.edu [131.247.1.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA09305 for <aprssig@tapr.org>; Thu, 19
Dec 1996 00:17:04 -0600 (CST)
Received: from knupke.babbage.csee.usf.edu (ppp5.stpt.usf.edu [131.247.146.204])
by babbage.csee.usf.edu (8.8.3/8.7.3) with SMTP id WAA02350 for
<aprssig@tapr.org>; Wed, 18 Dec 1996 22:54:35 -0500 (EST)
Date: Wed, 18 Dec 1996 22:54:35 -0500 (EST)
Message-Id: <199612190354.WAA02350@babbage.csee.usf.edu>
X-Sender: knupke@babbage.csee.usf.edu
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Paul Knupke Jr." <knupke@babbage.csee.usf.edu>
Subject: Re: [APRSSIG:7435] APRS on an 8088

At 04:48 PM 12/18/96 -0600, you wrote:

>and the program won't load at all. I am running an 8088 with a black/white
>monitor with a Hercules video adapter. Does anyone know why it is doing
>this??? The main reason I want it to work on my 8088 is because I do not
>want to use the main computer which is a 486 for APRS all the time, and want

APRS requires at minimum a CGA monitor or CGA emulation capability.

There is a program that is a number of years old called SIMCGA which will allow you to display CGA graphics on a Hercules Monitor. For a number of years I ran numerous CGA graphics applications using SIMCGA. Using SIMCGA I have successfully used APRS (several years ago and versions back) when I had an amber colored monitor and hercules graphics adaptor. I have since upgraded to a VGA monitor and am not sure if I have the simcga program anymore but I will look.

73 Paul

Paul E. Knupke, Jr.	*	
knupke@csee.usf.edu	*	
Largo, Florida	*	You can fight
Amateur Radio KR4YL	*	Without ever winning
Fidonet 1:3603/570.0	*	But never ever win
Assistant E.C. Pinellas A.R.E.S.	*	Without a fight
Florida Contest Group Member	*	... Neil Peart
Trustee KE4ZYU/R 224.78 Clearwater	*	"Resist" by RUSH

From gphowell@mindspring.com Thu Dec 19 00:30:33 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA10096 for <aprssig@tapr.org>; Thu, 19 Dec 1996 00:30:26 -0600 (CST)
From: gphowell@mindspring.com
Received: from MYHOSTNAME (ip242.richmond2.va.interramp.com [38.12.24.242]) by mule1.mindspring.com (8.8.2/8.7.3) with SMTP id EAA30116 for <aprssig@tapr.org>; Thu, 19 Dec 1996 04:05:08 GMT
Message-Id: <199612190405.EAA30116@mule1.mindspring.com>
Date: Thu, 19 Dec 96 03:27:10 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7444] NetScape for OS/2 Java Works
In-Reply-To: <199612190125.TAA12276@brain.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

thanks for your message, hassan, lots of help to me. BTW, all you need is the ibm address from the "get netscape navigator" browser, i used the nscape beta to get the next version. getting ready to install now.

--

Geep Howell WA4RTS
gphowell@mindspring.com

From donp@jerryc.tyrell.net Thu Dec 19 00:34:50 1996
Received: from jerryc.tyrell.net ([204.248.154.45]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id AAA10560 for <aprssig@tapr.org>; Thu, 19 Dec 1996 00:34:47 -0600
(CST)
Received: (from donp@localhost) by jerryc.tyrell.net (8.7.4/8.7.3) id WAA04806;
Wed, 18 Dec 1996 22:32:38 -0600
Date: Wed, 18 Dec 1996 22:32:34 -0600 (CST)
From: Don Pfister KA0JLF <donp@jerryc.tyrell.net>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7435] APRS on an 8088
In-Reply-To: <1.5.4.16.19961218163544.41c78af8@excel.net>
Message-ID: <Pine.LNX.3.91.961218223128.4759B-100000@jerryc>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

the hercules video is the problem,I beleieve. the docs say CGA, but not
herc. can you emulate CGA? Mine runs fine on CGA.

On Wed, 18 Dec 1996, Josh Housey wrote:

> Helloto everyone on the sig. The name here is Josh located in Sheboygan
> Wisconsin. I have a problem with working DOS Aprs working on an 8088 system.
> The question is that when I start APRS on this computer I get a weird error,
> and the program won't load at all. I am running an 8088 with a black/white
> monitor with a Hercules video adapter. Does anyone know why it is doing
> this??? The main reason I want it to work on my 8088 is because I do not
> want to use the main computer which is a 486 for APRS all the time, and want
> to use the 8088 because it's main purpose is to use for packet and APRS.
> If anyone has an answer to this problem will be appreciated!
> Thanks.
> 73
> Josh
>
> -----
> Josh, Lee, Linda, Steve, Travis, and Tim Housey
> lhousey@excel.net
> Sheboygan, Wisconsin
> Amateur Radio: Josh, KG9BO es Lee, N9YLS
> Packet: KG9BO@N9GHE.#MTW.WI.USA.NA
> Packet: N9YLS@N9GHE.#MTW.WI.USA.NA
> Lattitude: 43' 45" N
> Longitude: 87' 43" W
>
> -----
>

From sparkfel@primenet.com Thu Dec 19 00:42:47 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA13418 for <aprssig@tapr.org>; Thu, 19
Dec 1996 00:42:40 -0600 (CST)
Received: from ip-20-110.phx.primenet.com (ip-20-110.phx.primenet.com
[206.165.20.110]) by primenet.com (8.8.3/8.8.3) with SMTP id VAA18459; Wed, 18 Dec
1996 21:57:11 -0700 (MST)
Date: Wed, 18 Dec 1996 21:57:11 -0700 (MST)

Message-Id: <1.5.4.16.19961218215713.36e7ad6e@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Xmas specials

At 04:59 PM 12/18/96 -0600, Richard Amirault wrote:

>On Wed, 18 Dec 1996, Alan Edmonds wrote:

>

>>

>> > I saw a Magellen 2000 advertised by Kmart for \$150 this past Sunday.

>> > I don't know anything about this GPS. Is it a good one for APRS?

>> >

>> > Rich WB6EEE

>>

>> I think the 2000 has a built-in antenna with no provision for external

>> antenna. In my opinion, this makes it less-than-ideal for APRS.

>

>Yes, but neither does the Tripmate, and it seems to be getting very popular.

>

>

No, the Magellan 2000 won't work at all with APRS unless you intend to manually update your position.

The Magellan 2000 has no NMEA output.

Mark Fellhauer
KC7BXS

From martinbw@telalink.net Thu Dec 19 00:51:21 1996

Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA14244 for <aprssig@tapr.org>; Thu, 19 Dec 1996 00:51:20 -0600 (CST)

Received: from oscar.telalink.net (nash-pm1-s20.telalink.net [205.241.232.53]) by eve.telalink.net (Telalink-MTA/5.2n) with SMTP id WAA10060; Wed, 18 Dec 1996 22:19:31 -0600 (CST)

X-Mailer: InterCon tcpCONNECT4 4.0.2 (Macintosh)

MIME-Version: 1.0

Message-Id: <9612182220.AA32247@oscar.telalink.net>

Date: Wed, 18 Dec 1996 22:20:32 -0600

From: "Bruce W. Martin" <martinbw@telalink.net>

To: aprssig@tapr.org, Ross McClain <aa0mm@cjnetworks.com>, R.RADMORE@WORLDNET.ATT.NET

Subject: Re: [APRSSIG:7414] Re: Dosaprs and Win95

Content-Transfer-Encoding: Quoted-Printable

Content-Type: Text/Plain; charset=ISO-8859-1

Content-Disposition: Inline

> Robert Radmore wrote:=20

> > I am a new upgrade to Win95 and find I can't run DosAprs in a=20
> > full window. Is there a work around or must I load a version of the=20
> > old Dos?=20

----- stuff deleted -----

tp which AA=D8MM, Ross wrote,
> Bob,=20
> Well Well,,, Windows-95... I know the wonderment! Have you=20
> noticed, that with the older first versions of DOS, and WINDOWS 3.1,=20
> you got a MANUAL?? I mean a MANUAL???=20

----- lots of stuff deleted -----

> Hope I have not TOTALY COMFUSED YOU!=20
> GOOD LUCK!=20
> And I know Mark and Keith are LAUGHING THEIR HEADS OFF now..=20
> Take care De AA=D8MM, Ross=20
> =20

Of course they are rally laughing because they know the real answer is =
you should have bought a Macintosh.

73
Bruce

--

* Bruce W. Martin Internet: martinbw@telalink.net *
* 4558 Brooke Valley Dr. HAM Call: KQ4TV *
* Hermitage TN 37076-2650 Voice: (615) 872-7733 *
* FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W *
* "Being a Mac user is like being a Navy SEAL: a small, elite *
* group of people with access to the most sophisticated *
* technology in the world, who everyone calls on to get the *
* really tough jobs done quickly and efficiently." *
* -- Nick Lehmann *

From rroberts@mcs.com Thu Dec 19 00:53:15 1996
Received: from Kitten.mcs.com (Kitten.mcs.com [192.160.127.90]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA14344 for <aprssig@tapr.org>; Thu, 19 Dec 1996
00:53:13 -0600 (CST)
Received: from rroberts.pr.mcs.net (rroberts.pr.mcs.net [199.3.42.87]) by
Kitten.mcs.com (8.8.2/8.8.2-biteme) with SMTP id VAA25132 for <aprssig@tapr.org>;
Wed, 18 Dec 1996 21:29:35 -0600 (CST)
Message-ID: <32B8B5E5.6B73@mcs.com>
Date: Wed, 18 Dec 1996 21:26:29 -0600
From: Richard Roberts <rroberts@mcs.com>

X-Mailer: Mozilla 2.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7410] Xmas specials
References: <Pine.GS0.3.95.961218095429.15745E-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought the Garmin 45XL for \$289.00. The Garman 45 was on sale for about \$12.00 less. I also bought mine at a Boat store.

Just thought I would throw my \$12.00 bucks worth in.

Rich

Bob Bruninga wrote:

>
> A local up here said the GPS-45 was going in his local boat store for
> \$150. We on the voice repeter asked for details, but then they guy backed
> off and couldnt remember the exat model number, nor the name of the store.
> But it is a good reminder to check out your favorite GPS stores to look
> for XMAS sales and year end closeouts. They may have been dumping old
> GPS-45's to clear out stock for the newer 45xl...
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
> GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From rsellers@rockford.com Thu Dec 19 00:58:52 1996
Received: from portal.dx.net (portal.dx.net [199.190.65.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA14986 for <aprssig@tapr.org>; Thu, 19 Dec 1996
00:58:50 -0600 (CST)
Received: from rockford.com ([206.230.91.2]) by portal.dx.net (8.7.5/8.7.3) with
SMTP id BAA17494 for <aprssig@tapr.org>; Thu, 19 Dec 1996 01:02:00 -0500 (EST)
X-ROUTED: Wed, 18 Dec 1996 23:57:04 -0500
Received: from rsellers [206.230.91.27] by rockford.com with smtp
id BGBABPBA ; Wed, 18 Dec 1996 22:16:30 -0500
Message-Id: <3.0.32.19961218221346.006b7608@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Wed, 18 Dec 1996 22:13:48 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7416] WinAPRS startup
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:43 AM 12/18/96 -0500, you wrote:

>
>GM All,
> I recently received an APRS cable from Kantronics that is supposed to
allow

>the use of the KPC-3 and a GPS 45 on a laptop with one com port. My problem
>is the error message I get on startup:"Port failed to open." I tried the
>debug->ging routine (shift key on startup). It tells me:
>Serial Library "serthunk.dll" loaded OK
>Calling SerialOpen
>Returned from SerialOpen
> (TNC setup commands issued)
>Calling SerialOpen
> (I see info received via radio at the bottom of screen)
>Returned from SerialOpen
>
> When I hit OK to the last dialog box, The "port failed to open" box appears
>and the program stops. Any ideas on this problem would be greatly
appreciated.
>
>73s de Jonathan

Try looking at the APRS serial ports settings, find the port the Garmin45
is on and set speed to 4800. Go to the Garmin and set the speed on it to
4800 as well, and set NMEA to 0183 1.5 Also check the TNC speed, using
ABAUD command set to 4800. Save everything and try it again. This should
have the devices talking to each other at the same 4800 BAUD speed.
Hope this helps.

73,

Roger Sellers KB9LBU
email: Home rsellers@rockford.com
KB9LBU@juno.com
Work rsellers@snds.com

From George.Henry@115-668.usbbs.com Thu Dec 19 01:34:14 1996
Received: from bsd6.usbbs.com (bsd6.usbbs.com [204.141.7.142]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id BAA17643 for <aprssig@tapr.org>; Thu, 19 Dec 1996
01:34:09 -0600 (CST)
Received: from OS2 (os2.usbbs.com [204.141.7.149]) by bsd6.usbbs.com (8.7.5/8.7.3)
with SMTP id CAA10678 for <aprssig@tapr.org>; Thu, 19 Dec 1996 02:34:21 -0500
(EST)
Received: by OS2; 19 Dec 96 07:34:06
From: George.Henry@115-668.usbbs.com (George Henry)
Date: 17 Dec 96 16:37:36 -0500
Subject: GPS receivers for sale
Message-ID: <b3f_9612190149@usbbs.com>
Organization: WoodyWare Software, Inc.
To: aprssig@tapr.org

3 Motorola PVT-6 "black box" receivers for sale.
With "hockey puck" active antenna, coax, full instructions.
Perfect for APRS

\$150 each, plus \$5 shipping (each)

These are the LAST ones..... there will be NO more available to me!

73 de KA3HSW

--

|Internet: George.Henry@115-668.usbbs.com

|

| E-Mail Services - www.usbbs.com

From sparkfel@primenet.com Thu Dec 19 02:21:19 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA20744 for <aprssig@tapr.org>; Thu, 19 Dec 1996 02:21:18 -0600 (CST)

Received: from ip-20-110.phx.primenet.com (ip-20-139.phx.primenet.com [206.165.20.139]) by primenet.com (8.8.3/8.8.3) with SMTP id BAA08508 for <aprssig@tapr.org>; Thu, 19 Dec 1996 01:21:14 -0700 (MST)

Date: Thu, 19 Dec 1996 01:21:14 -0700 (MST)

Message-Id: <1.5.4.16.19961219012120.36e705a6@mailhost.primenet.com>

X-Sender: sparkfel@mailhost.primenet.com

X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Mark Fellhauer <sparkfel@primenet.com>

Subject: KPC-9612 PLUS, WestFest, For Sale

This weekend I picked up the NEW KPC-9612 Plus at HRO Phoenix.

Although I've only sampled a small portion of the unit's capabilities, so far I'm very impressed.

According to the manual, The 9612 is being discontinued, and the PLUS is replacing it. Major differences include a 3rd port option via an internal header. Kantronics "plans" to offer several add-on modems, including a KAM-Plus-like one. The 9612 PLUS also supports higher data rates--up to 38.4 Kbps on port 2. Analog pots for data drive and receive signal have been replaced with digital pots controlled via keyboard commands.

There is one other major difference in the PLUS, and this has uses for APRS, I believe. It offers two Analog to Digital inputs in addition to the two control line outputs of the original 9612.

Overall construction of the unit seems very good, the unit has a nice heft and a solid feel. Once again, Kantronics puts out a lackluster manual. The POCSAG encoder/decoder seems to work well in my base trials, and I plan more experimentation with Amateur Paging in the future. Perhaps paging will be supported in coming versions of APRS...

WestFest:

Once again I've been tapped by the ThunderBird (formerly Honeywell) ARC to chair the 2nd annual WestFest.

This should be the largest Hamfest held in the west valley (Metro Phoenix). It was big last year, our first, and should be bigger this year.

WestFest will be held Saturday January 11, 1997

6 AM to 1 PM, Rain or Shine

Glendale Community College North Parking Lot

6000 West Olive Avenue

Glendale, AZ

Admission: FREE

Parking: \$2.00 per vehicle

Tailgating: \$5.00

Talk-ins: 145.43 (-) and 146.52 simplex

WestFest is sponsored by the Amateur Radio Council of Arizona (ARCA) and hosted by the ThunderBird ARC (TBARC)

VEC Testing

Sell/Trade/Swap

Commercial Vendors

Food & Beverages

The NWS/SKYWARN people will have a table there, and may put on an audio visual program.

I hope to have a LIVE APRS DEMO STATION running at WestFest, complete with an auto-tracker mounted on my bicycle. Although my gell-cell just died, and I just spent my discretionary funds for the next month or so on that 9612 PLUS!

For Sale:

One Dauphin DTR-1 Palmtop 486 SLC-25

Under 3 pounds and very small

VGA mono electroluminescent 6" diag display onboard (1 meg OAK video card w/external SVGA port)

Runs Windows 3.x with pen extensions well

40 meg hard drive (double spaced to 80)

6 megs RAM

Math-Coprocessor

Built-in ethernet connection

Built-in 2400/9600 data/fax modem

9 pin RS-232 port

25 pin bi-directional parallel port

Two-button stylus

User-rebuildable Battery

RUNS OFF 12 VOLTS DC DIRECTLY, no messy adaptors required.

Made by IBM for US Military

Was \$3000 in 1994
Leather Carry case
All boxes, software, and manuals
External Floppy Drive
Great for APRS and portable packet

First \$670.00 takes it. Price includes shipping to contiguous 48 US States.
The only reason I'm selling it is because I was given a Gateway Handbook
486, and I can't justify having two subnotebook computers.

One PacComm Spirit-2 TNC. A very nice high speed TNC. TNC-2 type modem
disconnect header supports 1200 and 2400 Bps. Best Offer takes it.

73, and see you at WestFest

Mark
KC7BXS

From tomcmugs@n-link.com Thu Dec 19 04:29:49 1996
Received: from n-link.com (root@[206.97.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id EAA24209 for <aprssig@tapr.org>; Thu, 19 Dec 1996 04:29:48 -0600 (CST)
Received: from tomcmugs (blackfoot70 [208.135.244.70]) by n-link.com
(8.6.12/8.6.9) with SMTP id EAA19219 for <aprssig@tapr.org>; Thu, 19 Dec 1996
04:29:45 -0600
Message-ID: <32B935FD.38DE@n-link.com>
Date: Thu, 19 Dec 1996 04:33:02 -0800
From: Tommie Taylor <tomcmugs@n-link.com>
Organization: A1 Kustom Mugs
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7447] Re: Xmas specials
References: <9612181831.aa03766@bbs.cruzio.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Wells wrote:

>
> At 08:55 AM 12/18/96 -0600, you wrote:
> >A local up here said the GPS-45 was going in his local boat store for
> >\$150. We on the voice repeter asked for details, but then they guy backed
> >off and couldnt remember the exat model number, nor the name of the store.
> >But it is a good reminder to check out your favorite GPS stores to look
> >for XMAS sales and year end closeouts. They may have been dumping old
> >GPS-45's to clear out stock for the newer 45xl...
> >
>

> The company I work for (which will remain nameless so I do not seem too
> commercial) has been selling GPS-45's (and some other models) as
> "Distressed" (used but good) at quite a savings off the usual price. Perhaps
> this is what the person was refering to.

>

> Dave KD6TO

> David L. Wells KD6TO (KD6 Teletype Operator)

> INTERNET: davew@cruzio.com

> Watsonville, CA USA

> "positive rate, gear up, flaps to initial....I'm outa here!"

I would like to buy one for this price, Where can I get one...

Tommie

--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113

WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)

<http://www.web2.com/cmugs/>

Internet: tomcmugs@n-link.com / tomcmugs@juno.com

Phone: (512) 556-4691 This is also a FAX Request line

From steved@vianet.on.ca Thu Dec 19 07:42:10 1996

Received: from vianet.on.ca (root@gwn.vianet.on.ca [204.187.88.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA29249 for <aprssig@tapr.org>; Thu, 19 Dec 1996
07:42:08 -0600 (CST)

Received: from steved.vianet.on.ca (hunt47.vianet.on.ca [206.186.208.47]) by
vianet.on.ca (8.8.4/8.7.3) with SMTP id IAA01731 for <aprssig@tapr.org>; Thu, 19
Dec 1996 08:40:12 -0500 (EST)

Message-Id: <199612191340.IAA01731@vianet.on.ca>

Comments: Authenticated sender is <steved@mail.vianet.on.ca>

From: "Steve Dubois" <steved@vianet.on.ca>

To: aprssig@tapr.org

Date: Thu, 19 Dec 1996 08:42:05 +0000

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Subject: Re: [APRSSIG:7451] Re: Peet Bros. U-500

Reply-to: steved@vianet.on.ca

Return-receipt-to: steved@vianet.on.ca

Priority: normal

X-mailer: Pegasus Mail for Win32 (v2.42)

Date: Thu, 19 Dec 1996 00:25:54 -0600 (CST)

Reply-to: aprssig@tapr.org

From: BordingK@aol.com

To: aprssig@tapr.org

Subject: [APRSSIG:7451] Re: Peet Bros. U-500

While we're on the subject of Weather Stations, any method of selectively
filtering out manually entered weather stations? If not would Bob and The
Sproul Bros consider adding this feature? We're trying to set up a reliable
weather info system for the Ham and NWS use. Some folks enter wx data
manually when the mood strikes them, so totally inaccurate weather is reported
for extended periods.

de KF4COH
Ken in Jax

Ken:

I think your statement above about manual wx entry is totally incorrect. I run a manual station here simply because I cannot afford the price of a wx station. For your info I will put my wx observations and manual entries up against any auto wx system. I do not enter wx data when the mood strikes me either. I run a constant wx station here manually except during the hours which I sleep. My system runs 24 hrs per day. I am the only wx station in Northern Ontario that is on Aprs and WinAprs. I am sure there are many others out there as well.

Merry Christmas to you and everyone else. May your holiday season be a safe and enjoyable one. 73.....

Stephen Dubois VA3HOI
CANWARN SPOTTER
SAREX,APRS,WinAPRS
steved@vianet.on.ca

From jratchf@bulldog.afsc.k12.ar.us Thu Dec 19 07:52:10 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA29631 for <aprssig@tapr.org>; Thu, 19 Dec 1996 07:52:08 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id HAA19567; Thu, 19 Dec 1996 07:52:11 -0600
Date: Thu, 19 Dec 1996 07:52:11 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7451] Re: Peet Bros. U-500
In-Reply-To: <961218202502_1288735861@emout12.mail.aol.com>
Message-ID: <Pine.LNX.3.91.961219075107.19341B-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rather than a filter, how about a time limit on the manually entered data, ie. it stops transmitting that info after 30 mins....

On Thu, 19 Dec 1996 BordingK@aol.com wrote:

> While we're on the subject of Weather Stations, any method of selectively
> filtering out manually entered weather stations? If not would Bob and The
> Sproul Bros consider adding this feature? We're trying to set up a reliable
> weather info system for the Ham and NWS use. Some folks enter wx data
> manually when the mood strikes them, so totally inaccurate weather is reported
> for extended periods.
>
> de KF4COH

> Ken in Jax
>

From n0lrf@amsat.org Thu Dec 19 08:26:43 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA00736 for <aprssig@tapr.org>; Thu, 19 Dec 1996 08:26:42 -0600 (CST)
Received: from stump (port16.idtskc1.idir.net [204.189.69.235]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id IAA23937 for <aprssig@tapr.org>; Thu, 19 Dec 1996 08:27:18 -0600
Message-ID: <32B9510E.6093@amsat.org>
Date: Thu, 19 Dec 1996 08:28:30 -0600
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Balloons...
References: <Pine.GS0.3.95.961218111306.15745P-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> On Tue, 17 Dec 1996 bob.hartman@wlio.com wrote:

> > If a GPS could be got for \$160 or less and a used HT and TNC could be
> > used, there would not be a large investment at risk. Perhaps a whole
> > network of Eastern command stations could be exchanging data over the
> > Internet as to its location, etc and when it reached one of their
> > areas, they would transmit a secret command up to the balloon which
> > would release the payload for recovery...
>
> REPLY: I think its a great idea. It would cover the USA almsot like a
> satellite, last about a week and be a lot of fun for a lot less \$\$\$, hi hi

I happen to know a GPS manufacturer in Kansas who would be willing to donate a GPS receiver for a project of benefit to so many amateurs. I would need to know what type of receiver is preferred---a hand-held or a board one? The antenna---does the balloon shade satellite reception directly overhead, or is that negligible?

I can be reached at: n0lrf@amsat.org

73, Paul..

From ksproul@hardees.rutgers.edu Thu Dec 19 08:29:21 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA00784 for <aprssig@tapr.org>; Thu, 19 Dec 1996 08:29:19 -0600 (CST)
Received: (from ksproul@localhost) by hardees.rutgers.edu (8.6.12+bestmx+oldruq+newsunq/8.6.12) id JAA24250; Thu, 19 Dec 1996 09:29:18 -0500
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Thu, 19 Dec 96 9:29:18 EST

From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org, jratchf@bulldog.afsc.k12.ar.us
In-Reply-To: Your message of Thu, 19 Dec 1996 07:53:57 -0600 (CST)
Subject: RE: Manual WX Entry
Message-ID: <CMM-RU.1.5.851005758.ksproul@hardees.rutgers.edu>

> Rather than a filter, how about a time limit on the manually entered
> data, ie. it stops transmitting that info after 30 mins....

I think this is a good idea, and I will look into implementing it sometime in the not too distant future..

Keith

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From ke4sop@netwide.net Thu Dec 19 08:35:14 1996
Received: from naples.netwide.net (naples.netwide.net [206.103.128.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA01360 for <aprssig@tapr.org>; Thu, 19 Dec 1996 08:35:12 -0600 (CST)
Received: from Ed.mci2000.com ([206.103.128.106]) by naples.netwide.net (post.office MTA v2.0 0813 ID# 0-12029) with SMTP id AAA94 for <aprssig@tapr.org>; Thu, 19 Dec 1996 09:34:25 -0500
Message-ID: <32B95250.430E@netwide.net>
Date: Thu, 19 Dec 1996 09:33:52 -0500
From: ke4sop@netwide.net (Ed Unrein)
X-Mailer: Mozilla 3.01Gold (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: GPS45XL vs GPS50
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone done a comparison or had experience with the model 50?
I can't locate anyone who knows it advantages over the 45XL

thanks, 73's

ke4sop@netwide.net

From sproul@ap.org Thu Dec 19 08:45:38 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA01794 for <aprssig@tapr.org>; Thu, 19 Dec 1996 08:45:36 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id JAA08671; Thu, 19 Dec 1996 09:39:09 -0500
X-Sender: sproul@165.1.6.1

Message-Id: <v03007807aedef044a68ed@[165.1.27.20]>
In-Reply-To: <961218202502_1288735861@emout12.mail.aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Dec 1996 09:41:16 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: Filter Manual weather packets
Cc: BordingK@aol.com

>While we're on the subject of Weather Stations, any method of selectively
>filtering out manually entered weather stations? If not would Bob and The
>Sproul Bros consider adding this feature? We're trying to set up a reliable
>weather info system for the Ham and NWS use. Some folks enter wx data
>manually when the mood strikes them, so totally inaccurate weather is reported
>for extended periods.
>
>de KF4COH
>Ken in Jax

I think this is an excellent idea, I have added it to my list.

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bruninga@nadm.navy.mil Thu Dec 19 09:42:13 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA04487 for <aprssig@tapr.org>; Thu, 19
Dec 1996 09:42:12 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id KAA25425 for <aprssig@tapr.org>; Thu, 19 Dec 1996
10:47:29 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Dec 1996 10:47:29 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7443] Re: qbasic availability
In-Reply-To: <199612190125.UAA20938@magicnet.magicnet.net>
Message-ID: <Pine.GS0.3.95.961219104604.24966A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Dec 1996, Aaron Morrison wrote:

> > >
> > >APRSDos REPLY/COMMENT: If Microsoft is truly no longer selling or
> > >supporting QB.exe then is it legal to share it or post it? QB is
> > >the big brother of QBASIC.exe included in all DOS operating systems
> > >and is needed to run the source code for MAPFIX..
>
> Most obvious legal "opinion" here is to compile mapfix to EXE form
> and distribute that per the license agreement.

APRSDos REPLY/COMMENT: Yep, MAPFIX is distributed as an EXE in all versions of APRS. But the .BAS program is also distributed for those folks that want to hack it...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Thu Dec 19 09:44:38 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA04561 for <aprssig@tapr.org>; Thu, 19 Dec 1996 09:44:31 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA25618 for <aprssig@tapr.org>; Thu, 19 Dec 1996 10:49:48 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Dec 1996 10:49:48 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7447] Re: Xmas specials
In-Reply-To: <9612181831.aa03766@bbs.cruzio.com>
Message-ID: <Pine.GS0.3.95.961219104838.24966B-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Dec 1996, David Wells wrote:

> The company I work for (which will remain nameless so I do not seem too
> commercial) has been selling GPS-45's (and some other models) as
> "Distressed" (used but good) at quite a savings off the usual price. Perhaps
> this is what the person was referring to.

APRSDos REPLY/COMMENT: This isn't HAM radio, hi hi.. How much???? I'm sure there are folks here that would like to hear and maybe purchase one...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From BordingK@aol.com
From: steved@vianet.on.ca Thu Dec 19 09:55:45 1996
Received: from emout13.mail.aol.com (emout13.mx.aol.com [198.81.11.39]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA05288 for <aprssig@tapr.org>; Thu, 19 Dec 1996 09:55:44 -0600 (CST)
From: BordingK@aol.com
Received: by emout13.mail.aol.com (8.6.12/8.6.12) id KAA22060 for aprssig@tapr.org; Thu, 19 Dec 1996 10:55:13 -0500
Date: Thu, 19 Dec 1996 10:55:13 -0500
Message-ID: <961219105512_1921294543@emout13.mail.aol.com>
To: aprssig@tapr.org
Subject: Fwd: [APRSSIG:7462] Re: Peet Bros. U-500

In a message dated 96-12-19 10:22:47 EST, steved@vianet.on.ca (Steve Dubois) writes:

<< steved@vianet.on.ca >>

Steve:

Unfortunately you may be a rarity. While there are many dedicated hams updating weather frequently, that is not always the case.

We are trying to establish a reliable system to enhance SKYWARN, NWS etc. Now that we have invested in numerous automatic weather stations, a few hams like to jump in and enter a weather entry every once in a while, however they fail to update them. When every automatic station is showing 32 degrees and the manual stations are showing 45 degrees because they've all gone to bed, what is to be believed? This undermines the accuracy of the entire system.

The ability to either filter out or time out a weather entry will enhance the accuracy of weather reporting and thus the utility of APRS.

And Merry Christmas to and all the others on the SIG.

de KF4COH
Ken in Jax

Forwarded message:

From: steved@vianet.on.ca (Steve Dubois)
Sender: aprssig@tapr.org
Reply-to: aprssig@tapr.org
To: aprssig@tapr.org
Date: 96-12-19 10:22:47 EST

Date: Thu, 19 Dec 1996 00:25:54 -0600 (CST)
Reply-to: aprssig@tapr.org
From: BordingK@aol.com
To: aprssig@tapr.org
Subject: [APRSSIG:7451] Re: Peet Bros. U-500

While we're on the subject of Weather Stations, any method of selectively filtering out manually entered weather stations? If not would Bob and The Sproul Bros consider adding this feature? We're trying to set up a reliable weather info system for the Ham and NWS use. Some folks enter wx data

manually when the mood strikes them, so totally inaccurate weather is reported for extended periods.

de KF4COH
Ken in Jax

Ken:

I think your statement above about manual wx entry is totally incorrect. I run a manual station here simply because I cannot afford the price of a wx station. For your info I will put my wx observations and manual entries up against any auto wx system. I do not enter wx data when the mood strikes me either. I run a constant wx station here manually except during the hours which I sleep. My system runs 24 hrs per day. I am the only wx station in Northern Ontario that is on Aprs and WinAprs. I am sure there are many others out there as well.

Merry Christmas to you and everyone else. May your holiday season be a safe and enjoyable one. 73.....

Stephen Dubois VA3HOI
CANWARN SPOTTER
SAREX, APRS, WinAPRS
steved@vianet.on.ca

From joefoor@digitalexp.com Thu Dec 19 10:10:58 1996
Received: from mail.digitalexp.com (backup.digitalexp.com [204.49.137.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA06376; Thu, 19 Dec 1996 10:10:52 -0600 (CST)
Received: from joefoor ([204.49.137.111]) by mail.digitalexp.com (post.office MTA v1.9.3b evaluation license) with SMTP id AAA181; Thu, 19 Dec 1996 10:12:15 -0600
Message-ID: <32B9677D.2222@digitalexp.com>
Date: Thu, 19 Dec 1996 10:04:13 -0600
From: joefoor@digitalexp.com (Foor, Joe)
Reply-To: joefoor@digitalexp.com
X-Mailer: Mozilla 3.01 (Win95; U)
MIME-Version: 1.0
To: BordingK@aol.com
CC: nflaprs@lwcomm.com, aprs-fl@tapr.org, aprssig@tapr.org
Subject: Peet Bros. U-500 & KPC-3 setup
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ken;

Here is the setup that I used to get the WX station on the air.

WIRING IT UP

I had purchased the DATA LOGGING option, so I have a serial cable with a db9 adaptor, rather than the db25 described in the APRSDos

text file. The adapter I built, for between the U-500's serial cable and the KPC-3, connects three lines.

KPC-3	U-500	
db25	db9	
1-----	5	ground
2-----	2	data from U-500 to KPC-3 TXD
3-----	3	KPC-3 RXD

The RXD connection may not be necessary, however, an oscilloscope showed some signal on this, so I hooked it up.

The APRSdos file says that the U-2000, with db25 connector, also requires a biasing resistor. Since the U-500 manual implies that the serial port is identical with the U-2000, I tried installing a 4.7K resistor and found that it messed up the data flow, causing the KPC-3 to stay in transmit, once it keyed up from the first data line. With no resistor at all, it works fine.

KPC-3 PROGRAMMING

The biggest stumbling block, is the wrong command instruction in the APRSdos text document. The document gives you \$10 for SENDPAC and it should be \$0A. The KPC-3 wants the Hex code, but the document tells you the Decimal code.

Here's the whole thing:

```
INTERFACE terminal
CR off
SENDPAC $0A
PMODE converse
ECHO off (may not be necessary)
```

U-500 PROGRAMMING

The U-500 setup is complicated by the directions to press two buttons simultaneously. Since this is not possible for human fingers... I found that pressing the wrong button first will not put you in PACKET mode.

The U-500 is set to PACKET data mode by:

Press and hold the -0- button, then press and hold the windchill button. The display will flash three times and stabilize again. Release both buttons.

NOTES

I had previously used this KPC-3 for Packet, APRSdos, WinAPRS and most recently for stand-alone GPS. As far as I could tell, the only other command that was affecting the remote WX operation, was the GPS LT transmissions. I cleared this by setting LTP 1 to NONE and

BLT 1 to 00:00:00.

My KPC-3 has version 6.0 firmware, which includes the PMODE command.
I don't know how you would get the KPC-3 to power up in the CONVERSE mode, with earlier versions.

regards,
Joe kf4dys

From bruninga@nadm.navy.mil Thu Dec 19 10:12:51 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA06560 for <aprssig@tapr.org>; Thu, 19 Dec 1996 10:12:50 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id LAA00094 for <aprssig@tapr.org>; Thu, 19 Dec 1996 11:18:08 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Dec 1996 11:18:07 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7451] Re: Peet Bros. U-500
In-Reply-To: <961218202502_1288735861@emout12.mail.aol.com>
Message-ID: <Pine.GS0.3.95.961219111557.24966M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Dec 1996 BordingK@aol.com wrote:

> While we're on the subject of Weather Stations, any method of selectively
> filtering out manually entered weather stations? If not would Bob and The
> Sproul Bros consider adding this feature? We're trying to set up a reliable
> weather info system for the Ham and NWS use. Some folks enter wx data
> manually when the mood strikes them, so totally inaccurate weather is reported
> for extended periods.

APRSDos REPLY/COMMENT: Thats why they all have a date/time stamp... They should fade to gray after 2 hours. Maybe the fade to gray is not working for WX stations... Can someone confirm? IE: <Maybe the Blue for WX is added after the GRAY for old in my code...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From billh@netins.net Thu Dec 19 11:00:09 1996
Received: from insosf1.netins.net (root@insosf1.netins.net [167.142.225.5]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA08900 for <aprssig@tapr.org>; Thu, 19 Dec 1996 11:00:08 -0600 (CST)
Received: from 199.120.94.70 (elrg-01-05.dialup.netins.net [199.120.94.70]) by insosf1.netins.net with SMTP id LAA26773 for <aprssig@tapr.org>; Thu, 19 Dec 1996 11:00:05 -0600 (CST)
Message-ID: <32B974A2.518F@netins.net>

Date: Thu, 19 Dec 1996 17:00:18 +0000
From: "John W.(Bill) Hays - w00mv" <billh@netins.net>
Reply-To: billh@netins.net
Organization: Retired USAF air traffic controller
X-Mailer: Mozilla 2.02 (Macintosh; I; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7465] RE: Manual WX Entry
References: <CMM-RU.1.5.851005758.ksproul@hardees.rutgers.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Keith Sproul wrote:

>
> > Rather than a filter, how about a time limit on the manually entered
> > data, ie. it stops transmitting that info after 30 mins....
>
> I think this is a good idea, and I will look into implementing it sometime in
> the not too distant future..
>
> Keith

OR have WX older than 30 min be displayed in a different color.

+++++

"If you are a typical experimentalist (physics) you have
a raft of PCs, maybe a UNIX workstation to impress
incoming graduate students, and a Mac hidden in your
office to actually do things." - Robert Austin

From sproul@ap.org Thu Dec 19 11:31:53 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id LAA10602 for <aprssig@tapr.org>; Thu, 19 Dec 1996 11:31:52 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id MAA19450; Thu, 19 Dec 1996 12:25:29 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780baedf264f671d@[165.1.27.20]>
In-Reply-To: <Pine.GS0.3.95.961219111557.24966M-1000000@arctic>
References: <961218202502_1288735861@emout12.mail.aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Dec 1996 12:06:35 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7472] Re: Peet Bros. U-500

>
> APRSdos REPLY/COMMENT: Thats why they all have a date/time stamp... They
> should fade to gray after 2 hours. Maybe the fade to gray is not working
> for WX stations... Can someone confirm? IE: <Maybe the Blue for WX is
> added after the GRAY for old in my code...
>

Bob, fade to grey has nothing to do with it. If a user enters the weather setting and transmits every 15 minutes it will NEVER fade to grey but the WX VALUES may be 10 hours old.

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sproul@ap.org Thu Dec 19 11:31:55 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10601 for <aprssig@tapr.org>; Thu, 19 Dec 1996 11:31:52 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id MAA19448; Thu, 19 Dec 1996 12:25:26 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780aaedf25943b22@[165.1.27.20]>
In-Reply-To: <961219105512_1921294543@emout13.mail.aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Dec 1996 12:04:57 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7470] Fwd: Re: Peet Bros. U-500

>In a message dated 96-12-19 10:22:47 EST, steved@vianet.on.ca (Steve Dubois)
>writes:
>
><< steved@vianet.on.ca >>
>
>Steve:
>
>Unfortunately you may be a rarity. While there are many dedicated hams
>updating weather frequently, that is not always the case.
>
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>fail to update them. When every automatic station is showing 32 degrees and
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>
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>accuracy of weather reporting and thus the utility of APRS.
>

>And Merry Christmas to and all the others on the SIG.

>

In the current release of WinAPRS, there is an option for station display mode, if you turn WEATHER STATIONS ONLY on, you automatically get this. What it does is show you the station, callsign, TEMP, RAIN, WIND, BARO, and !! AGE !!, this tells you how old the PACKET its, I have seen weather stations that I have not heard from in a few hours so this shows you the age from the last time wx was heard, that of course does not mean from the last time they intered the data. I will work to enhance this, maybe show manual WX entries in a different color or something else.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From elewis@dsp.com Thu Dec 19 11:40:30 1996

Received: from dsp.net (root@dsp.net [199.4.121.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA11154 for <aprssig@tapr.org>; Thu, 19 Dec 1996 11:40:28 -0600 (CST)

Received: from elewis.dsp.com (rio_grande.dsp.com [199.4.121.240]) by dsp.net (8.6.12/8.6.9) with SMTP id JAA30975 for <aprssig@tapr.org>; Thu, 19 Dec 1996 09:39:35 -0800

Message-Id: <199612191739.JAA30975@dsp.net>

Comments: Authenticated sender is <elewis@dsp.com>

From: "Edward Lewis" <elewis@dsp.com>

To: aprssig@tapr.org

Date: Thu, 19 Dec 1996 09:40:37 +0000

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Subject: hf aprs

Priority: normal

X-mailer: Pegasus Mail for Win32 (v2.42a)

I have been running hf aprs off and on for 2 days now only monitoring and not broadcasting my position. I thought hf aprs was 10149.50 khz lsb, but all the stations I hear are on 10151.46 khz lsb. Since this is outside of the 30 meter band I thought my icom 736 was out of calibration, but I tuned my drake R 8 to receive the signals on the same frequency 10151.46 khz. Could someone explain to me what is happening. I can't imagine this many station being out of band so there must be a reason for this happening. 73

Edward Lewis KQ6DX

2959 Devon Way

San Pablo, CA. 94806
Packet KQ6DX@KJ6FY.#NOCA.CA.USA.NA
Land Line 510-223-7156
elewis@dsp.com

From ttyamada@CCGATE.HAC.COM Thu Dec 19 12:18:00 1996
Received: from igate1.hac.com (igate1.HAC.COM [192.48.33.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA13198 for <aprssig@tapr.org>; Thu, 19 Dec 1996
12:17:57 -0600 (CST)
From: ttyamada@CCGATE.HAC.COM
Received: from ises01.ES.HAC.COM ([147.16.5.2])
by igate1.hac.com (8.8.4/8.8.4) with SMTP
id KAA29081 for <aprssig@tapr.org>; Thu, 19 Dec 1996 10:17:22 -0800 (PST)
Received: by ises01.ES.HAC.COM; id AA12501; Thu, 19 Dec 1996 10:17:22 -0800
Received: from cc:Mail by CCGATE.HAC.COM
id AA851019542; Thu, 19 Dec 96 10:10:51 PST8
Date: Thu, 19 Dec 96 10:10:51 PST8
Encoding: 20 Text
Message-Id: <9611198510.AA851019542@CCGATE.HAC.COM>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7470] Fwd: Re: Peet Bros. U-500

Perhaps a different Icon for manual entries,
and also have them time out?

----- Reply Separator -----
Subject: [APRSSIG:7470] Fwd: Re: Peet Bros. U-500
Author: aprssig@tapr.org at CCGATE
Date: 12/19/96 8:37 AM

<<<< clip >>>>

When every automatic station is showing 32 degrees and the manual stations
are showing 45 degrees because they've all gone to bed, what is to be
believed? This undermines the accuracy of the entire system.

The ability to either filter out or time out a weather entry will enhance the
accuracy of weather reporting and thus the utility of APRS.

<<<< clip >>>>

From clark@tomcat.gsfc.nasa.gov Thu Dec 19 12:58:07 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA15229 for <aprssig@tapr.org>; Thu, 19
Dec 1996 12:58:05 -0600 (CST)
Date: Thu, 19 Dec 96 18:34:12 UTC
Message-Id: <11816@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7464] Balloons...

Regarding ballooning with GPS: Be very careful that you know the characteristics of the GPS receiver! Be especially watchful that you know that the receiver will work at altitudes above 60,000 ft.

The reason for this specific warning is that all GPS receivers sold for commercial usage have to comply with COCONM Export laws. These state that, without specific government approval, no GPS receivers that can operate at altitudes above 60,000 ft and at speeds greater than Mach 1.5 can be sold (I believe it is Mach 1.5 -- I don't recall the precise speed in the law).

Some receiver manufacturers have interpreted this rule in their firmware to be 60,000 ft >>OR<< Mach 1.5 and they literally reset themselves when they pass thru the 60kft level regardless of speed (the Trimble OEM receivers are one example -- they begin reporting Sunnyvale CA as the position when they hit 60kft).

Other receiver manufacturers (Motorolas made since 1994 and Rockwell) take a different approach. Either they have only a speed limit or they do the grammatically/logically proper test on speed+altitude. And these receivers will work fine in a balloon.

I don't know which other manufacturers are suitable. Before you fly a balloon-borne GPS receiver, I strongly advise that you do at least one of three things:

1. Verify with the manufacturer or with folks who may have flown the same receiver already that it will function above 60,000 ft.
2. "Fly" the receiver on a GPS simulator to verify that there are no problems at high altitude.
3. Be willing to sacrifice the balloon experiment in case the receiver has unexpected COCOM restrictions.

By the way, the common name for the COCOM rule is the "Anti-SCUD" rule. The reason for its existence should be obvious to all!

73 de Tom, W3IWI

From clark@tomcat.gsfc.nasa.gov Thu Dec 19 13:03:24 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA15506 for <aprssig@tapr.org>; Thu, 19 Dec 1996 13:03:22 -0600 (CST)
Date: Thu, 19 Dec 96 18:49:08 UTC
Message-Id: <11818@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7471] Peet Bros. U-500 & KPC-3 setup

Joe, KF4DS commented on his cable adaptor:

```

>      KPC-3      U-500
>      db25      db9
>      1-----5      ground
>      2-----2      data from U-500 to KPC-3 TXD
>      3-----3      KPC-3 RXD

```

I would like to note that on a DB25 RS232 connector Pin 7 is the signal ground pin, NOT pin 1! On the 25-pin connector, Pin 1 is supposed to be "frame ground" and is normally used to provide a safety ground and as a termination for the shield on shielded cables. In most units you are NOT guaranteed that Pin 1 will be the proper common return for RS232 signals.

73, Tom

```

From PRENTICE@scanva.canton.edu Thu Dec 19 13:24:31 1996
Received: from SCANVA.CANTON.EDU (scanva.canton.edu [137.37.1.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA16263 for <aprssig@tapr.org>; Thu, 19 Dec 1996
13:24:29 -0600 (CST)
Received: from scanva.canton.edu by scanva.canton.edu (PMDF V5.0-3 #11626)
id <01ID741IMN9S000WYC@scanva.canton.edu> for aprssig@tapr.org; Thu,
19 Dec 1996 14:21:31 -0500 (EST)
Date: Thu, 19 Dec 1996 14:21:31 -0500 (EST)
From: Jim Prentice WA2MZF QCWA <PRENTICE@scanva.canton.edu>
Subject: system commander
To: aprssig@tapr.org
Message-id: <01ID741IMN9U000WYC@scanva.canton.edu>
X-VMS-To: IN%"aprssig@tapr.org"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

```

Recently I picked up a copy of system commander, i/e program that will allow you to load any operating system .. anyone played with this yet?

i use win95 but so far like dosaprs..
 tks

```

From schiers@ames.net Thu Dec 19 13:31:42 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA16386 for <aprssig@tapr.org>; Thu, 19 Dec 1996
13:31:41 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (schiers.ames.net [206.29.126.237]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id NAA06546; Thu, 19 Dec 1996 13:30:22 -0600
Message-Id: <199612191930.NAA06546@brain.ames.net>
Date: Thu, 19 Dec 96 13:23:20 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7476] hf aprs
In-Reply-To: <199612191739.JAA30975@dsp.net>
Cc: "Edward Lewis" <elewis@dsp.com>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

```

In <199612191739.JAA30975@dsp.net>, on 12/19/96 at 11:43 AM,
"Edward Lewis" <elewis@dsp.com> said:

>I have been running hf aprs off and on for 2 days now only
>monitoring and not broadcasting my position. I thought hf aprs was
>10149.50 khz lsb, but all the stations I hear are on 10151.46 khz lsb.
>Since this is outside of the 30 meter band I thought my icom 736 was out
>of calibration, but I tuned my drake R 8 to receive the signals on the
>same frequency 10151.46 khz. Could someone explain to me what is
>happening. I can't imagine this many station being out of band so there
>must be a reason for this happening. 73
>Edward Lewis KQ6DX
>2959 Devon Way
>San Pablo, CA. 94806
>Packet KQ6DX@KJ6FY.#NOCA.CA.USA.NA
>Land Line 510-223-7156
>elewis@dsp.com

If you are going to transmit 10.151 lsb you are fine.
I transmit 10.147 usb and it is fine. Packet does not care whether it is
lsb or usb. The key is to be on the right frequency. Since my radio
refuses to transmit above 10.150, I can't run lsb.

The important point is that because of the tones you are transmitting, the
actual frequency from the dial is lower if LSB and higher if USB, hence
the two frequencies mentioned. No one is transmitting outside the band. If
it makes you feel better, tune in the aprs network on 10.147 USB...I'm
there with the rest of the network.

As simply as I can put it, even though those running LSB have a dial
reading of 10.151 or so, and those of us running USB have a dial reading
10.147 or so...we are all on the "SAME" frequency, which is just inside
the top end of the 30m band around 10.149. Assuming you are running 2200
hz tones, transmitting on USB 10.147, your actual frequency is $10.147 + 2$
khz = 10.149. ON the "flip" side of things (pun intended), If you are also
running 2200 hz tones, and transmitting LSB on 10.151, your actual
frequency is $10.151 - 2$ khz = 10.149...Presto! All is welland
perfectly legal.

Hope this helps. 73,

hasan schiers, NOAN--

schiers@ames.net

From jleonard@tbcnet.com Thu Dec 19 13:36:20 1996

Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA16743 for <aprssig@tapr.org>; Thu, 19 Dec 1996
13:36:18 -0600 (CST)

Received: from PR153.tbcnet.com (PR153.tbcnet.com [207.112.227.53]) by
tbc1.tbcnet.com (8.8.4/8.8.2) with SMTP id NAA17027 for <aprssig@tapr.org>; Thu,

19 Dec 1996 13:36:19 -0600

X-Authentication-Warning: tbc1.tbcnet.com: PR153.tbcnet.com [207.112.227.53] didn't use HELO protocol

Message-Id: <1.5.4.32.19961219193610.006cd084@tbcnet.com>

X-Sender: jleonard@tbcnet.com

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Thu, 19 Dec 1996 13:36:10 -0600

To: aprssig@tapr.org

From: "John B. Leonard, Jr" <jleonard@tbcnet.com>

Subject: manual vs automatic wx

Hi all,

With the concerns over the \$ involved to buy a wx station, has anyone ever tried using only a junction box for a U-II (not the display), fed with the appropriate wx instruments, and feeding it directly into APRS?

bl

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com

WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

American Red Cross Disaster Services - DeKalb Co Chapter

From cap@cruzio.com Thu Dec 19 14:24:05 1996

Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA18972 for <aprssig@tapr.org>; Thu, 19 Dec 1996 14:24:03 -0600 (CST)

Received: from surf127.cruzio.com by bbs.cruzio.com id aa13870;
19 Dec 96 11:33 PST

Message-ID: <32B99895.22D2@cruzio.com>

Date: Thu, 19 Dec 1996 11:33:41 -0800

From: Cap Pennell <cap@cruzio.com>

X-Mailer: Mozilla 3.01 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7477] Re: Fwd: Re: Peet Bros. U-500

References: <9611198510.AA851019542@CCGATE.HAC.COM>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

<SNIP>

> The ability to either filter out or time out a weather entry will enhance the
> accuracy of weather reporting and thus the utility of APRS.
>

I vote for "time out". My manual WX entry might be just as valid as your automatic report (for awhile).

--

Cap Pennell

Santa Cruz, CA, 95062-1002 3658.92N/12200.88W

email: cap@cruzio.com homepage: <http://members.cruzio.com/~cap>

packet radio: KE6AFE@kg6ee.#cca.ca.usa.noam

From hwm@netcom.com Thu Dec 19 14:34:18 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom23.netcom.com [192.100.81.137]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA19645 for <aprssig@tapr.org>; Thu, 19 Dec 1996 14:34:12 -0600 (CST)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id MAA00097 for <aprssig@tapr.org>; Thu, 19 Dec 1996 12:35:53 -0800
Date: Thu, 19 Dec 1996 12:35:53 -0800 (PST)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7480] system commander
In-Reply-To: <01ID741IMN9U000WYC@scanva.canton.edu>
Message-ID: <Pine.LNX.3.95.961219123142.93A-1000000@mm.wd6dod.ampr.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Dec 1996, Jim Prentice WA2MZF QCWA wrote:

> Recently I picked up a copy of system commander, i/e program that will allow
> you to load any operating system .. anyone played with this yet?
>
> i use win95 but so far like dosaprs..
> tks

Works great. I use it to load linux and once in a while dos, window95 and NT. You can also use it to hide partitions from other operating systems which may be destructive, like win95.

Bob - wd6dod

From jratchf@bulldog.afsc.k12.ar.us Thu Dec 19 15:14:28 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA21288 for <aprssig@tapr.org>; Thu, 19 Dec 1996 15:14:23 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id PAA11618; Thu, 19 Dec 1996 15:14:03 -0600
Date: Thu, 19 Dec 1996 15:14:03 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
Subject: Manual WX Entries
Message-ID: <Pine.LNX.3.91.961219145703.10580A-1000000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you have several stations out there that are automatic wx and one or two that are not, it would be very obvious if the manual station is keeping current. This is a given. If your concerned about the accuracy of the data, then you have to look at the time stamp as Bob mentioned.

I suggested, that they add a "time out" routine to the program. Say, if you enter the data manually that the programs halts wx data transmitting after 30 mins or so. Have it delete the data from all other stations, like it does with deleting objects. I'd also suggest that the "time out" be use adjustable. Set that up in the config file on the front end for dosAPRS and a variable in WX window in winAPRS.

Keep in mind, that although a station has an auto wx setup, they may want to manually enter data in a storm situation. Rather than wait for the next scheduled wx beacon. This would be equally important. As a matter of fact, why have the manually data beacon more than once? Enter the data, and send it as a burst, follow 30 mins later with an erase.....hmmmmm.

If its skywarn that your mostly concerned about, then the wx data at QTH's will most likely be manually entered and most definately if a spotter is working it mobile. Of course your remote stations don't matter anyway they are going to send the data on a regular schedule. Which brings up a question, if I have a remote wx monitoring station out there and want to get up to date info, can I parse that and get it or do I have to wait for the beacon?

Chew on that a while.....

From R.Radmore@worldnet.att.net Thu Dec 19 15:15:38 1996
Received: from mtigwc02.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA21368 for <aprssig@tapr.org>; Thu, 19 Dec 1996 15:15:36 -0600 (CST)
Received: from LOCALNAME ([207.146.34.85]) by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613) with SMTP id AAA15436 for <aprssig@tapr.org>; Thu, 19 Dec 1996 21:15:21 +0000
X-Sender: R.Radmore@postoffice.worldnet.att.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Robert Radmore <R.Radmore@worldnet.att.net>
Subject: DosAprs and Win95
Date: Thu, 19 Dec 1996 21:15:21 +0000
Message-ID: <19961219211519.AAA15436@LOCALNAME>

Robert Radmore wrote:

- > I am a new upgrade to Win95 and find I can't run DosAprs in a
- > full window. Is there a work around or must I load a version of the
- > old Dos?

Thanks to all who responded with their helpful ideas and thoughts. The final answer was to enable screen expansion in the computers own Display "Advanced Setup". This allowed expansion to be accomplished through Windows. The computer is an IBM 365XD laptop.

I am answering here on the SIG in case anyone else runs into this perplexing problem.

Thanks again, and Happy Holiday wishes to one and all.

73 de Bob

Bob Radmore
Amateur call - N2PWP
Packet - N2PWP@KE2VW.#WNY.NY.USA.NOAM
E-mail - R.RADMORE@WORLDNET.ATT.NET

From n9szf@skywarn.cs.wisc.edu Thu Dec 19 15:41:55 1996
Received: from skywarn.cs.wisc.edu (n9szf@skywarn.cs.wisc.edu [128.105.37.13]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA23053 for <aprssig@tapr.org>; Thu, 19 Dec 1996 15:41:51 -0600 (CST)
Received: (from n9szf@localhost) by skywarn.cs.wisc.edu (8.6.12/8.6.9) id PAA04833; Thu, 19 Dec 1996 15:40:23 -0600
Date: Thu, 19 Dec 1996 15:40:22 -0600 (CST)
From: Tom Fleming N9SZF <n9szf@skywarn.cs.wisc.edu>
To: aprssig@tapr.org
cc: scwi-hams@skywarn.cs.wisc.edu
Subject: Meso Net in Wisconsin
Message-ID: <Pine.LNX.3.91.961219152310.3638A-1000000@skywarn.cs.wisc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dane County ARES is currently setting up a Weather APRS base Meso Net within Dane County. We currently have 9 sites that we can start putting up stations. Not only would the Meso Net be used for Skywarn, but would be very helpfull in Hazmats.

The station specs are:

Davis U-2000
MFJ APRS Data radio
MFC TNC
Deep Cycle battery with trickle charge.

We are looking into a source of funding for this. Each station will run about \$1000. If anyone knows of a souce of funding for this, I would love to hear from you. Or if you have any comment, let me know.

Tom Fleming - N9SZF
South Central Wisconsin NCS
Dane County ARES

From amirault@laraby.tiac.net Thu Dec 19 16:27:16 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA27359 for <aprssig@tapr.org>; Thu, 19 Dec 1996 16:27:12 -0600 (CST)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.2/8.6.6.Beta9) id RAA05114; Thu, 19 Dec 1996 17:29:01 -0500 (EST)
Date: Thu, 19 Dec 1996 17:29:01 -0500 (EST)
From: Richard Amirault <amirault@laraby.tiac.net>

To: aprssig@tapr.org
Subject: Re: [APRSSIG:7472] Re: Peet Bros. U-500
In-Reply-To: <Pine.GS0.3.95.961219111557.24966M-1000000@arctic>
Message-ID: <Pine.BSF.3.91.961219172631.4606A-1000000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Dec 1996, Bob Bruninga wrote:

> On Thu, 19 Dec 1996 BordingK@aol.com wrote:
>
> > While we're on the subject of Weather Stations, any method of selectively
> > filtering out manually entered weather stations? If not would Bob and The
> > Sproul Bros consider adding this feature? We're trying to set up a reliable
> > weather info system for the Ham and NWS use. Some folks enter wx data
> > manually when the mood strikes them, so totally inaccurate weather is reported
> > for extended periods.
>
> APRSdos REPLY/COMMENT: That's why they all have a date/time stamp... They
> should fade to gray after 2 hours. Maybe the fade to gray is not working
> for WX stations... Can someone confirm? IE: <Maybe the Blue for WX is
> added after the GRAY for old in my code...

The WX info just keeps getting transmitted at normal intervals as a regular beacon. It matters not when it was inputted. So the fade-to-grey never gets a chance to work. (I'm talking about *manually* entered WX info)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From mark@y100.com Thu Dec 19 16:39:38 1996
Received: from mail3.voicenet.com (mail3.voicenet.com [207.103.0.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA28119 for <aprssig@tapr.org>; Thu, 19 Dec 1996 16:39:37 -0600 (CST)
Received: from default (media87-pri.voicenet.com [207.103.130.87]) by mail3.voicenet.com (8.7.5/8.6.12) with SMTP id RAA00383 for <aprssig@tapr.org>; Thu, 19 Dec 1996 17:42:37 -0500 (EST)
Message-ID: <32B9C348.7217@y100.com>
Date: Thu, 19 Dec 1996 17:35:52 -0500
From: Mark Humphrey <mark@y100.com>
Reply-To: mark@y100.com
Organization: WPLY - 100 / Radio Philadelphia
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7487] Meso Net in Wisconsin
References: <Pine.LNX.3.91.961219152310.3638A-1000000@skywarn.cs.wisc.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom Fleming N9SZF wrote:

>
> Dane County ARES is currently setting up a Weather APRS base Meso Net

> within Dane County. We currently have 9 sites that we can start putting
> up stations. Not only would the Meso Net be used for Skywarn, but would
> be very helpfull in Hazmats.
> We are looking into a source of funding for this. Each station will run
> about \$1000. If anyone knows of a souce of funding for this, I would love
> to hear from you. Or if you have any comment, let me know.
>
> -----

Tom:

Have you talked with anyone at the NWS about this? I've heard some rumors around here that Federal money might become available to fund automatic WX stations just as you've described. As you know, NOAA has closed down many of the smaller offices, so they now depend on volunteers more than ever to supply local observations. Of course, APRS would lend itself very nicely to this purpose if the information is accurate. I will try to make some calls in the next few weeks and see what I can find out from the local (PHL) office.

73, Mark KE3XY

mark@y100.com

From jzaruba@juno.com Thu Dec 19 17:30:27 1996
Received: from x17.boston.juno.com (x17.boston.juno.com [205.231.100.29]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA00626 for <aprssig@tapr.org>; Thu, 19 Dec 1996 17:30:25 -0600 (CST)
Received: (from jzaruba@juno.com) by x17.boston.juno.com (queuemail) id SAS19566; Thu, 19 Dec 1996 18:29:29 EST
To: aprssig@tapr.org
Date: Thu, 19 Dec 1996 18:16:59 EST
Subject: Re: EASY SATS and APRS
Message-ID: <19961219.182856.8390.0.jzaruba@juno.com>
References: <v01520d14aedd4c296572@[206.228.234.174]>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-2,4-11
From: jzaruba@juno.com (John A Zaruba Jr.)

On 12/18/96 Philip Chien wrote:

<- apparently with the logic that if
somebody doesn't automatically think you're product is the best thing
since
sliced bread BROWBEAT AND INSULT THEM IN TO SUBMISSION [sic]).>

Sir, I would exercise restraint. You could be tarred with the same brush.

John Zaruba AA2BN
jzaruba@juno.com

From AC6JA@aol.com Thu Dec 19 18:00:42 1996

Received: from emout11.mail.aol.com (emout11.mx.aol.com [198.81.11.26]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA01892 for <aprssig@tapr.org>; Thu, 19 Dec 1996 18:00:40 -0600 (CST)

From: AC6JA@aol.com

Received: by emout11.mail.aol.com (8.6.12/8.6.12) id TAA14250 for aprssig@tapr.org; Thu, 19 Dec 1996 19:00:02 -0500

Date: Thu, 19 Dec 1996 19:00:02 -0500

Message-ID: <961219185959_370478204@emout11.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7476] hf aprs

10.151 lsb, or around 10.149.3 fsk, or around 10.147.5 usb. just try and tune to the majority of signals. 10.151 lsb is still withing amateur limits. hope this helps.

Mike AC6JA

From kf4xh@juno.com Thu Dec 19 18:12:33 1996

Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA02338 for <aprssig@tapr.org>; Thu, 19 Dec 1996 18:12:28 -0600 (CST)

Received: (from kf4xh@juno.com) by x16.boston.juno.com (queuemail) id TYU00586; Thu, 19 Dec 1996 19:12:11 EST

To: aprssig@tapr.org

Date: Thu, 19 Dec 1996 20:11:50 PST

Subject: re:aprs on 8088

Message-ID: <19961219.201236.5599.0.kf4xh@juno.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0-2

From: kf4xh@juno.com (Andrew C. Middlebrooks)

SIMCGA is out there in shareware & will run APRS even on 4.77 XT
screen redraw is VERY slow though
andy kf4xh

From bm670@freenet.toronto.on.ca Thu Dec 19 18:40:07 1996

Received: from queen.torfree.net (root@queen.torfree.net [199.71.188.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA03368 for <aprssig@tapr.org>; Thu, 19 Dec 1996 18:40:06 -0600 (CST)

Received: by queen.torfree.net (Smail3.1.28.1 #6) id m0vasya-000013C; Thu, 19 Dec 96 19:38 EST

Date: Thu, 19 Dec 1996 19:38:12 -0500 (EST)

From: Jack LeBreton <bm670@freenet.toronto.on.ca>

To: aprssig <aprssig@tapr.org>

Message-ID: <Pine.3.89.9612191944.B26184-01000000@queen>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all SIGgers,

I've got a constant problem with my attempt to shell into DOS while working in APRS77E. The error message reads "illegal function call in line 0 of module APRS77W at address 1D28:5577 Hit any key to return to system"

I use a Compaq LTE286 laptop. I hope someone out there has a way out of this as I lose a lot of backups when I do this.

Thanx in advance,

73 de Jack VA3JAX

From cbuttsch@slonet.org Thu Dec 19 19:08:12 1996
Received: from oso.slonet.org (cbuttsch@oso.slonet.org [207.114.180.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA04496 for <aprssig@tapr.org>; Thu, 19 Dec 1996 19:08:10 -0600 (CST)
Received: from localhost (cbuttsch@localhost) by oso.slonet.org (8.7.6/8.7.3) with SMTP id RAA00830 for <aprssig@tapr.org>; Thu, 19 Dec 1996 17:05:46 -0800 (PST)
Date: Thu, 19 Dec 1996 17:05:45 -0800 (PST)
From: Clifford Buttschardt <cbuttsch@slonet.org>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7493]
In-Reply-To: <Pine.3.89.9612191944.B26184-01000000@queen>
Message-ID: <Pine.GS0.3.95.961219170446.29986F-1000000@oso.slonet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, Jack, I have had the very same problem for a year now and it has driven me up a wall. We need help! Cliff K7RR

On Thu, 19 Dec 1996, Jack LeBreton wrote:

> Hi all SIGgers,
> I've got a constant problem with my attempt to shell into DOS
> while working in APRS77E. The error message reads "illegal function call
> in line 0 of module APRS77W at address 1D28:5577 Hit any key to return to
> system"
> I use a Compaq LTE286 laptop. I hope someone out there has a way
> out of this as I lose a lot of backups when I do this.
> Thanx in advance,
>
> 73 de Jack VA3JAX
>
>
>
>
>

From joefoor@digitalexp.com Thu Dec 19 19:08:15 1996
Received: from mail.digitalexp.com (backup.digitalexp.com [204.49.137.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA04498 for <aprssig@tapr.org>; Thu, 19 Dec 1996 19:08:10 -0600 (CST)
Received: from joefoor ([204.49.137.56]) by mail.digitalexp.com (post.office MTA v1.9.3b evaluation license) with SMTP id AAA145 for <aprssig@tapr.org>; Thu, 19 Dec 1996 19:08:44 -0600
Message-ID: <32B9E11B.64FC@digitalexp.com>

Date: Thu, 19 Dec 1996 18:43:07 -0600
From: joefoor@digitalexp.com (Foor, Joe)
Reply-To: joefoor@digitalexp.com
X-Mailer: Mozilla 3.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: Peet Bros. U-500 & KPC-3 setup
References: <11818@tomcat.gsfc.nasa.gov>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom Clark -- W3IWI wrote:

> I would like to note that on a DB25 RS232 connector Pin 7 is the signal
> ground pin, NOT pin 1!

I bow to greater experience and knowledge of serial ports.

On the KPC-3, however, all the grounds are tied together, so it
doesn't matter which one is used.

regards,
Joe kf4dys

From lcb911@apex2000.net Thu Dec 19 23:31:47 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA03554 for <aprssig@tapr.org>; Thu, 19
Dec 1996 23:31:43 -0600 (CST)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with
ESMTP id pa001445 for <aprssig@tapr.org>; Thu, 19 Dec 1996 21:26:54 -0600
Message-Id: <1.5.4.16.19961219212700.107f83b0@apex2000.net>
X-Sender: lcb911@apex2000.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: Re: [APRSSIG:7494] Re:
Date: Thu, 19 Dec 1996 21:26:54 -0600

Try building a batch file to start APRS and include this line *before*
executing APRS.

set comspec=command.com

(use the appropriate path for command.com if it's not in c:\)

I had the same problem because I use 4DOS.COM and APRS would not shell to
DOS using that command processor for some reason. You can reset comspec
after APRS if that's your situation. As in:

set comspec=c:\dos\command.com

APRS
set comspec=c:\4dos.com

73 de Les/N5K0A

At 07:12 PM 12/19/96 -0600, you wrote:

>Yes, Jack, I have had the very same problem for a year now and it has
>driven me up a wall. We need help! Cliff K7RR

>

>On Thu, 19 Dec 1996, Jack LeBreton wrote:

>

>> Hi all SIGgers,

>> I've got a constant problem with my attempt to shell into DOS

>> while working in APRS77E. The error message reads "illegal function call

>> in line 0 of module APRS77W at address 1D28:5577 Hit any key to return to
>> system"

>> I use a Compaq LTE286 laptop. I hope someone out there has a way

>> out of this as I lose a lot of backups when I do this.

>> Thanx in advance,

>>

>> 73 de Jack VA3JAX

From rwf@mindspring.com Thu Dec 19 23:51:41 1996

Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA05659 for <aprssig@tapr.org>; Thu, 19
Dec 1996 23:51:39 -0600 (CST)

From: rwf@mindspring.com

Received: from default (user-168-121-44-154.dialup.mindspring.com

[168.121.44.154]) by mule1.mindspring.com (8.8.2/8.7.3) with SMTP id CAA21304 for
<aprssig@tapr.org>; Fri, 20 Dec 1996 02:01:31 GMT

Message-Id: <3.0.32.19961219210138.00754e54@mindspring.com>

X-Sender: rwf@mindspring.com (Unverified)

X-Mailer: Windows Eudora Pro Version 3.0 (32)

Date: Thu, 19 Dec 1996 21:01:43 -0500

To: aprssig@tapr.org

Subject: Re: [APRSSID:7476] hf aprs

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Edward-

There's a full explanation right in the HF.TXT file in the DosAPRS README
subdirectory.

10.151 LSB is inside the Ham band when you use KAM tones. There's a lot of
other great HF packet in there too. Give it a look.

73

Ralph

At 11:43 AM 12/19/96 -0600, you wrote:

>Could someone explain to
>me what is happening. I can't imagine this many station being out of
>band so there must be a reason for this happening.

From martinbw@telalink.net Fri Dec 20 00:18:16 1996

Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA10032 for <aprssig@tapr.org>; Fri, 20 Dec 1996
00:18:15 -0600 (CST)

Received: from oscar.telalink.net (nash-pm2-s23.telalink.net [205.241.232.88]) by
eve.telalink.net (Telalink-MTA/5.2n) with SMTP id WAA18056 for <aprssig@tapr.org>;
Thu, 19 Dec 1996 22:31:37 -0600 (CST)

X-Mailer: InterCon tcpCONNECT4 4.0.2 (Macintosh)

MIME-Version: 1.0

Message-Id: <9612192233.AA08115@oscar.telalink.net>

Date: Thu, 19 Dec 1996 22:33:08 -0600

From: "Bruce W. Martin" <martinbw@telalink.net>

To: aprssig@tapr.org

Subject: Cold GPS45

Content-Type: Text/Plain; charset=US-ASCII

Content-Disposition: Inline

Well, the temperature has dipped in the teens and lower 20's for the last couple of days here in Middle Tennessee. I have noticed that my GPS45 I left running with my tracker in the car has turned itself off. I will start it up again but after about 10 minutes it turns itself off again for lack of a satellite fix. If I put the GPS45 where hot air can blow in it it will finally lock on and start working again. The owners manual states that the operating temperature range is down to 5 deg. F. We have not got there yet. Has anybody else seen this phenomenon? Do I have a defective unit?

Bruce

--

```
*****
* Bruce W. Martin           Internet: martinbw@telalink.net  *
* 4558 Brooke Valley Dr.    HAM Call: KQ4TV                 *
* Hermitage TN 37076-2650   Voice:      (615) 872-7733      *
* FAX/MODEM: (615) 872-0045   APRS:3610.50N/08635.50W       *
* "Being a Mac user is like being a Navy SEAL: a small, elite *
* group of people with access to the most sophisticated      *
* technology in the world, who everyone calls on to get the  *
* really tough jobs done quickly and efficiently."           *
* -- Nick Lehmann                                               *
*****
```

From ku0g@sprynet.com Fri Dec 20 00:26:15 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id AAA11539 for <aprssig@tapr.org>; Fri, 20 Dec 1996
00:26:14 -0600 (CST)

Received: from JIMDUNCA ([208.131.65.101]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA08608 for <aprssig@tapr.org>; Thu, 19 Dec 1996 19:28:20 -0800
Date: Thu, 19 Dec 1996 19:28:20 -0800
Message-Id: <199612200328.TAA08608@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7464] Balloons...

>I happen to know a GPS manufacturer in Kansas who would be willing to
>donate a GPS receiver for a project of benefit to so many amateurs.
>I would need to know what type of receiver is preferred---a hand-held
>or a board one? The antenna---does the balloon shade satellite
>reception directly overhead, or is that negligible?
>
>I can be reached at: n0lrf@amsat.org

Trust me when I say this, YES he does! I know this for a fact.
Additionally, I might hastily add that I know of an organization also in
that same immediate area which has some interest in participating in flying
a balloon project!!

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From mmorg@juno.com Fri Dec 20 01:37:57 1996
Received: from r1.boston.juno.com (r1.boston.juno.com [205.231.100.241]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA16020 for <aprssig@tapr.org>; Fri, 20 Dec 1996 01:37:55 -0600 (CST)
Received: from x17.boston.juno.com (x17.boston.juno.com [205.231.100.29]) by r1.boston.juno.com (8.6.13/8.7.Alpha.4/1.34.kim) with ESMTP id VAA14188 for <aprssig@tapr.org>; Thu, 19 Dec 1996 21:39:02 -0500
Received: (from mmorg@juno.com) by x17.boston.juno.com (queuemail) id V[D19566; Thu, 19 Dec 1996 21:37:25 EST
To: aprssig@tapr.org
Date: Thu, 19 Dec 1996 21:34:46 est
Subject: Re: [APRSSIG:7493]
Message-ID: <19961219.213554.4951.1.MMORG@juno.com>
References: <Pine.3.89.9612191944.B26184-01000000@queen>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1,3-11,13,15-16,18-36
From: mmorg@juno.com (Myrle H Morgan)

I'm running APRSdos 7.7 with dos 6.22 and have experienced the same problem.
I discovered that the problem was related to the dos virus monitoring software

VSAFE tsr. When I unloaded vsafe, the problem disappeared.
Since then I've loaded (actually MEMMAKER loaded) vsafe into high memory
and the problem no longer exists. Hope this helps.

Seasons Greetings from New Hampshire Myrle K1HJC

Myrle H. Morgan / PO Box 32 / 572 Chester Turnpike / Candia NH
03034-0032
Phone: (603) 483-5117
E-mail: mmorg@juno.com

On Thu, 19 Dec 1996 18:45:29 -0600 (CST) Jack LeBreton
<bm670@freenet.toronto.on.ca> writes:
>Hi all SIGgers,
> I've got a constant problem with my attempt to shell into DOS
>while working in APRS77E. The error message reads "illegal function
>call
>in line 0 of module APRS77W at address 1D28:5577 Hit any key to return
>to
>system"
> I use a Compaq LTE286 laptop. I hope someone out there has a
>way
>out of this as I lose a lot of backups when I do this.
> Thanx in advance,
>
> 73 de Jack VA3JAX
>
>
>
>
>

From z004391b@bcfreenet.seflin.lib.fl.us Fri Dec 20 05:05:47 1996
Received: from bcfreenet.seflin.lib.fl.us (root@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA22324 for
<aprssig@tapr.org>; Fri, 20 Dec 1996 05:05:43 -0600 (CST)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id GAA12449; Fri, 20 Dec 1996 06:00:56 -0500
Date: Fri, 20 Dec 1996 06:00:51 -0500 (EST)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:7438] Re: APRS on an 8088
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <32B87BCD.4F19@emi.net>
Message-ID: <Pine.3.89.9612200610.A7762-0100000@bcfreenet>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Shouldn't it work with TSR's that make the monochrome look like CGA?

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Wed, 18 Dec 1996, Greg wrote:

```
> Josh Housey wrote:
> >
> > Helloto everyone on the sig. The name here is Josh located in Sheboygan
> > Wisconsin. I have a problem with working DOS Aprs working on an 8088 system.
> > The question is that when I start APRS on this computer I get a weird error,
> > and the program won't load at all. I am running an 8088 with a black/white
> > monitor with a Hercules video adapter. Does anyone know why it is doing
> > this??? The main reason I want it to work on my 8088 is because I do not
> > want to use the main computer which is a 486 for APRS all the time, and want
> > to use the 8088 because it's main purpose is to use for packet and APRS.
> > If anyone has an answer to this problem will be appreciated!
> > Thanks.
> > 73
> > Josh
> > -----
> > Josh, Lee, Linda, Steve, Travis, and Tim Housey
> > lhousey@excel.net
> > Sheboygan, Wisconsin
> > Amateur Radio: Josh, KG9BO es Lee, N9YLS
> > Packet: KG9BO@N9GHE.#MTW.WI.USA.NA
> > Packet: N9YLS@N9GHE.#MTW.WI.USA.NA
> > Latitude: 43' 45" N
> > Longitude: 87' 43" W
> > -----
> The install.txt file that is in the readme subdirectory of the dos aprs
> distribution states it will not work with hercules adapters.
>
```

From bruninga@nadn.navy.mil Fri Dec 20 08:22:13 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA27889 for <aprssig@tapr.org>; Fri, 20
Dec 1996 08:22:12 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id JAA27361 for <aprssig@tapr.org>; Fri, 20 Dec 1996
09:27:29 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 09:27:29 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: EASY SATS and APRS (fwd)
Message-ID: <Pine.GS0.3.95.961220092003.25556B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I forward the following for your amusement.
Please do *NOT* respond to him or the AMSAT-BB in kind nor add fuel to

this debate, But it shows how polarized people are about APRS.... I will forward my reply in a following message...

----- Forwarded message -----

Date: Wed, 18 Dec 1996 04:13:46 -0500

From: Philip Chien <kc4yer@amsat.org>

To: amsat-bb@amsat.org

Subject: Re: EASY SATS and APRS

Bob Bruninga <bruninga@nadn.navy.mil> tried to unload a bunch of propaganda and crap on top of us when he said:

>With larger numbers of stations today, something similar only requiring
>ONE successful UI packet with a gridsquare and brag info would accomplish
>even more with a lot less congestion... I.E. APRS.

>

>Please this is not meant to PUSH APRS

to put it as succinctly as possible ---- BULL SHIT!

... It is meant to push A STANDARD

>AMSAT POSITION/STATUS PROTOCOL what ever it might be. But you can be sure
>that APRtrak will be modified to receive and plot it on the map whatever
>it is...

Bob claims that he is not trying to push APRS, and promptly states his definition of "A standard AMSAT position/status protocol" (his words) which happens to exactly fit APRS's definition.

WHAT KINDS OF FOOLS DO YOU THINK WE ARE?????????

Bob tried to accuse me of censoring a discussion because of my professional job, when in fact I was trying to encourage discussion about an impractical concept. (vis my message "An open challenge to Peter Vekinis about Picosats - was EZ-SAT" dated Tue, 10 Dec 1996 18:41:04 -0500.)

When challenged Bob claimed that he didn't realize that I was specifically talking about Peter Vekinis's Picosat "proposal" -- which was mentioned in both the title of my message and the body of the text.

WHAT KINDS OF FOOLS DO YOU THINK WE ARE?????????

Bob gave me a copy of APRtrak at a technical symposium in 1993 and tried it out. I wasn't impressed (my opinion). For satellites in fixed orbits it's basically redundant - enter one waypoint and the rest follows Newton's laws. For ground applications I'm not too impressed with just seeing folks report their locations.

There have been a couple of extremely unusual applications which I have encountered in the past couple of years where I feel APRS would have been

useful, and even desirable for the ham radio and education communities, but I have not suggested the use of APRS because I am SO SICK AND TIRED OF THE APRS CROWD (read: Bob) TRYING TO SHOVE IT DOWN MY THROAT.

If Bob wasn't so adamant about insisting that everybody using his system, didn't make such stupid and unsupportable claims about APRS's wonderful capabilities, and wasn't so derogatory in his comments about people who do not want to use APRS I would have made those recommendations. And I regret that one of those opportunities has been lost completely (using APRS to report the locations of transmitters bouncing signals off the Inflatable Antenna Experiment) and I the other two won't happen because I refuse to encourage his unconstructive attitude.

I tried to use APRStrak during the one space mission where it was the officially sanctioned operating mode - the SPRE experiment on STS-72 and found the software to be extremely clumsy and unforgiving. Among other things, the software immediately started transmitting when it was started -- if I had a transceiver which started transmitting when I applied power I'd return it to the factory for repairs! The software had to be updated just before the mission began due to a bug -- and incorrect information which was disemenated about a fudge to fix a bug with East longitudes. (vis Bob's message titled "APRtrak E.long OK!", dated Mon, 15 Jan 1996 02:23:47 -0500 (EST). Better software testing ahead of time would have caught those, and other problems, but that's neither here or there. In any case I would not consider such an unusable piece of software something to develop a standard around.

During the STS-78 SAREX flight the astronauts were permitted to put the SAREX robot in to digipeat mode. That was the sole "authorization" of APRS operation. APRS was not supported by the SAREX customer support room in any other manner.

Nevertheless in Bob Bruniga's paper "APRS SAREX Experiment on STS-78" (Proceedings of the AMSAT-NA 14th Space Symposium and AMSAT Annual Meeting) Bob goes on to claim that APRS was a succes.

Let's look at that claim a bit more closely. Nobody was told not to use APRS for STS-78. So Bob surely can't try to state that somebody was trying to sabotage APRS on that flight.

As Bob notes in his paper "18 stations were successfully reported via SAREX as part of the APRtrak/APRS experiment". And later states "A total of 65 APRS packets were received". He goes on to list the known (e.g. reported as trying) APRS stations which couldn't get through.

This is in comparison with the total 1357 connects registered by the SAREX packet robot. Hmm, I'd say that a whole bunch more people were successful getting through via "dumb terminal technology the same way we've been doing it for 10 years" (quote from the paper - and just one of many derogatory comments Bob has made about SAREX -- apparently with the logic that if somebody doesn't automatically think you're product is the best thing since sliced bread browbeat and insult them in to submission).

But I guess the 1357 folks who did get connects learned math from a different place than Bob.

In Bob Bruniga's very questionable conclusions he states "had no adverse impact on the normal SAREX packet activity and should be encouraged on all future SAREX packet experiments" Which completely ignores the fact that there were APRS stations which made multiple contacts, and others which included messages in their status text - packet time which took away potential opportunities for others to get through to the shuttle.

Let's look at SPRE, where APRS was the only authorized form of communications. SPRE has a figure dedicated to it in Bob's paper, but no log of successful contacts listed in the paper. During the two passes where SPRE was in operation a total of 60 worldwide contacts were reported. Hmm, that works out to only once every 19 minutes! Okay, let's only look at the two continental U.S. passes where the majority of hams who were attempting to reach SPRE with APRS were located. Hmm, that's still less than one tenth the contact rate with the SAREX packet robot on a typical shuttle mission ... So much for the claims that APRS increases the number of people who can get through or that it would eliminate frustrations from unsuccessful contacts.

I do agree with Bob that SAREX contacts should only require a single contact instead of a multi-step process (hence my references only to the connects), and this is the attitude of the SAREX team. And will note that a packet protocol which *just* sends up the call sign to the shuttle, and returns a serial number, would take up even less packet time than an APRS contact since it would include less characters.

And APRS could only be viable within the EZ-Sat definition if the APRS community was willing to give (for free) a GPS receiver, AX.25 modem, and terminal to each person in the world which doesn't have any of those pieces of hardware. Otherwise it is in direct contradiction to the EZ-Sat program goals -- to give ANYBODY with a 2 meter mobile radio and magmount antenna the capability to access a satellite.

So I wonder why Bob Bruniga claims that APRS is a viable protocol for EZ-Sats, space station, or SAREX.

WHAT KINDS OF FOOLS DO YOU THINK WE ARE??????????

but I repeat myself ...

Philip Chien, KC4YER
Earth News - space writer and consultant
note new E-mail address - pchien@digital.net

From N2ZRC@gnn.com Fri Dec 20 09:02:34 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id JAA29543 for <aprssig@tapr.org>; Fri, 20 Dec 1996 09:02:32 -0600 (CST)

Received: from 33-163.client.gnn.com. (33-163.client.gnn.com [205.188.33.163])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id KAA30133 for <aprssig@tapr.org>;
Fri, 20 Dec 1996 10:01:57 -0500 (EST)

Message-Id: <199612201501.KAA30133@mail-e2b.gnn.com>

X-Mailer: GNNmessenger 1.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 20 Dec 1996 10:01:18

From: N2ZRC@gnn.com (Arte Booten)

To: aprssig@tapr.org

Subject: Maplist making question

Hi Mapmakers,

I've already got a fairly decent idea on how to use MK100K3. and MAPFIX28 but haven't yet figured out what to do with the results of these efforts. I made some maps, but have absolutely NO idea how to go about making a maplist! I'm pretty sure the format is as follows:

Mapname.map,90.00,180.00,512

where 90.00 is the map center in LATitude, 180.00 is it's LONGitude and 512 is the scale at which the map will first appear. I also understand that smaller scale maps must be lower on the list than the larger ones. To this end I tried "grafting" my new entires into an existing, appropriate maplist to no avail. Yes, I did make sure there were less than 160 maps in that maplist and they were at the bottom (it was one of Bob's APRS DISTRO maplists, so all the maps were 32-milers and mine are smaller.)

Where am I going wrong? Hopefully I'll get this solved soon so I can give you all a little Christmas Present on the TAPR site. Just a little something I've been whipping up. Tnx & 73 (And, for all the traffic handlers, ARL Sixty One!)

Mr. Arte Booten (N2ZRC @ gnn.com)

Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From N2ZRC@gnn.com Fri Dec 20 09:03:21 1996

Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA29739 for <aprssig@tapr.org>; Fri, 20 Dec 1996 09:03:19 -0600 (CST)

Received: from 33-163.client.gnn.com. (33-163.client.gnn.com [205.188.33.163]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id KAA18711 for <aprssig@tapr.org>; Fri, 20 Dec 1996 10:02:15 -0500 (EST)

Message-Id: <199612201502.KAA18711@mail-e2b.gnn.com>

X-Mailer: GNNmessenger 1.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 20 Dec 1996 10:02:18

From: N2ZRC@gnn.com (Arte Booten)

To: aprssig@tapr.org

Subject: Maplist making question

Hi Mapmakers,

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Mapname.map,90.00,180.00,512

where 90.00 is the map center in LATitude, 180.00 is it's LONGitude and 512 is the scale at which the map will first appear. I also understand that smaller scale maps

must be lower on the list than the larger ones. To this end I tried "grafting" my new entires into an existing, appropriate maplist to no avail. Yes, I did make sure

there were less than 160 maps in that maplist and they were at the bottom (it was one of Bob's APRS DISTRO maplists, so all the maps were 32-milers and mine are smaller.)

Where am I going wrong? Hopefully I'll get this solved soon so I can give you all a little Christmas Present on the TAPR site. Just a little something I've been whipping up. Tnx & 73 (And, for all the traffic handlers, ARL Sixty One!)

Mr. Arte Booten (N2ZRC @ gnn.com)

Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From aa0mm@cjnetworks.com Fri Dec 20 09:17:14 1996

Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA00380 for <aprssig@tapr.org>; Fri, 20 Dec 1996 09:17:10 -0600 (CST)

Received: from LOCALNAME (Port125.cjnetworks.com [206.52.159.180]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id JAA09195 for <aprssig@tapr.org>; Fri, 20 Dec 1996 09:16:21 -0600 (CST)

Message-ID: <32BACB06.9AB@cjnetworks.com>

Date: Fri, 20 Dec 1996 09:21:10 -0800

From: Ross McClain <aa0mm@cjnetworks.com>

Reply-To: aa0mm@cjnetworks.com

X-Mailer: Mozilla 3.01Gold (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7470] Fwd: Re: Peet Bros. U-500

References: <961219105512_1921294543@emout13.mail.aol.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

BordingK@aol.com wrote:

>

> In a message dated 96-12-19 10:22:47 EST, steved@vianet.on.ca (Steve Dubois)

> writes:

>

> << steved@vianet.on.ca >>

>

> Steve:

>

> Unfortunately you may be a rarity. While there are many dedicated hams

> updating weather frequently, that is not always the case.

>

> We are trying to establish a reliable system to enhance SKYWARN, NWS etc.

> Now that we have invested in numerous automatic weather stations, a few hams

> like to jump in and enter a weather entry every once in a while, however they

> fail to update them. When every automatic station is showing 32 degrees and

> the manual stations are showing 45 degrees because they've all gone to bed,

> what is to be believed? This undermines the accuracy of the entire system.

>

> The ability to either filter out or time out a weather entry will enhance the

> accuracy of weather reporting and thus the utility of APRS.

>

> And Merry Christmas to and all the others on the SIG.

>

> de KF4COH

> Ken in Jax

>

> -----

> Forwarded message:

> From: steved@vianet.on.ca (Steve Dubois)

> Sender: aprssig@tapr.org

> Reply-to: aprssig@tapr.org

> To: aprssig@tapr.org

> Date: 96-12-19 10:22:47 EST

>

> Date: Thu, 19 Dec 1996 00:25:54 -0600 (CST)
> Reply-to: aprssig@tapr.org
> From: BordingK@aol.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:7451] Re: Peet Bros. U-500
>
> While we're on the subject of Weather Stations, any method of selectively
> filtering out manually entered weather stations? If not would Bob and The
> Sproul Bros consider adding this feature? We're trying to set up a reliable
> weather info system for the Ham and NWS use. Some folks enter wx data
> manually when the mood strikes them, so totally inaccurate weather is reported
> for extended periods.
>
> de KF4COH
> Ken in Jax
>
> Ken:
> I think your statement above about manual wx entry is totally
> incorrect. I run a manual station here simply because I cannot afford
> the price of a wx station. For your info I will put my wx
> observations and manual entries up against any auto wx system. I
> do not enter wx data when the mood strikes me either. I run a
> constant wx station here manually except during the hours which I
> sleep. My system runs 24 hrs per day. I am the only wx station in
> Northern Ontario that is on Aprs and WinAprs. I am sure there are
> many others out there as well.
>
> Merry Christmas to you and everyone else. May your holiday season be
> a safe and enjoyable one. 73.....
> Stephen Dubois VA3HOI
> CANWARN SPOTTER
> SAREX,APRS,WinAPRS
> steved@vianet.on.ca

Hi Everybody,

I have an operator question on this subject.

If you are using WinAPRS, and in the dialog box, where you state your report time's. (I can not remember which one it is, but think it is in the "SETTINGS", "APRS" pref's)

There is a TIME setting for HF,VHF, and WX.. NOW,, if you set the one for WX to "0", the manual WX entry should not retransmit. IS THIS CORRECT?

Else wise, for Manual WX reporting, you go into the WX window, and type in the wx values. I thought that they just sit there, until you SEND the WX. As long as the above TIME setting is set to "0" it should not retransmit over and over.

Then the next time you want to manually SEND WX, you would need to go into the WX window, and change your WX values to current values.

It makes no sense to me to send a MANUAL WX more than once. Please correct me if I have missed something here..About WX being retransmitted over and over again with OLD Wx Data manually entered.
Tnx... De Ross.

From alan@ernest.itg.ti.com Fri Dec 20 10:21:13 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA03636 for <aprssig@tapr.org>; Fri, 20 Dec 1996
10:21:10 -0600 (CST)
Received: from ernest.itg.ti.com ([172.25.50.162]) by gatekeep.ti.com (8.6.13)
with SMTP id KAA17595 for <aprssig@tapr.org>; Fri, 20 Dec 1996 10:20:39 -0600
Received: by ernest.itg.ti.com (Smail3.1.28.1 #4)
id m0vb7cG-00004dC; Fri, 20 Dec 96 10:16 CST
Message-Id: <m0vb7cG-00004dC@ernest.itg.ti.com>
From: alan@ernest.itg.ti.com (Alan Edmonds)
Subject: Re: [APRSSIG:7493]
In-Reply-To: <Pine.3.89.9612191944.B26184-0100000@queen> from Jack LeBreton at
"Dec 19, 96 06:45:29 pm"
To: aprssig@tapr.org
Date: Fri, 20 Dec 1996 10:16:06 -0600 (CST)
Organization: Texas Instruments, Inc. Plano TX
X-Mailer: ELM [version 2.4ME+ PL26 (25)]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I believe it's related to running out of memory. There's not enough
left to shell a command.com from aprs. Try eworking your config.sys
to free up from conventional memory. I'm not sure how to do it else
I'd give you some hints.

> Hi all SIGgers,
> I've got a constant problem with my attempt to shell into DOS
> while working in APRS77E. The error message reads "illegal function call
> in line 0 of module APRS77W at address 1D28:5577 Hit any key to return to
> system"
> I use a Compaq LTE286 laptop. I hope someone out there has a way
> out of this as I lose a lot of backups when I do this.
> Thanx in advance,
>
> 73 de Jack VA3JAX
>
>
>
>
>

--

Alan Edmonds, KB5ZUY	Texas Instruments, Inc.
System Administrator, Composer Development	M/S 8515
Phone: +1-972-575-6427	6620 Chase Oaks Blvd.
Email: Alan.Edmonds@ti.com	Plano, TX, USA 75023

From bruninga@nadm.navy.mil Fri Dec 20 10:44:53 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA04981 for <aprssig@tapr.org>; Fri, 20

Dec 1996 10:44:50 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA15088; Fri, 20 Dec 1996 11:50:05 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 11:50:05 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
Reply-To: Bob Bruninga <bruninga@nadn.navy.mil>
To: amsat-bb@amsat.org
cc: aprssig@tapr.org
Subject: Re: EASY SATS and APRS
In-Reply-To: <v01520d25aede97f554d9@[206.228.234.174]>
Message-ID: <Pine.GSO.3.95.961220094141.25556D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My appologies to the AMSAT-BB, but Philip Chien's comments need a little moderation...

> In his unending attempts to see just how gullible the AMSAT-BB community
> is, Bob Bruniga said "There were only 10 stations seriously attempting
> APRS, and 29 others who tried occassionally...
>
> Considering the very very small number of people participating - I've got
> to question why my tax dollars were spent (and lots of them) to support
> this experiment. If your figures are true. 10???????

COMMENT: Everyone in the world with a TNC was invited to participate.
Numerous postings were made on AMSAT-BB and anywhere else the students
could think of... and lots more got to SEE the packets..

>
> How much government money (read: your tax dollars) was spent to
> develop and fly SPRE instead of another candidate payload which would have
> had more educational impact You know, it would be pretty bad if
> the media got a hold of this information. Whoops - too late.

COMMENT: The primary mission of SPRE was to provide a telemetry downlink
for the GPS system flown on the SPARTAN payload... Students at UMD saw the
opportunity to use the TELEMETRY and GPS capabilities built into the APRS
protocol rather than re-inventing a new wheel. But since the telemetry
was only needed every several seconds, they thought why not let HAMS world
wide use the TNC as a digipeater the rest of the time...

>
> Chien continues: According to the SPRE preflight publicity... they tried
> to encourage as many hams as possible to download the software and attempt
> contacts.... If only 10 were serious and 29 others tried occasionally
> then I'd say that the ham radio space community has very CLEARLY
> indicated that it DOES NOT want to be bothered with APRS or APRStrak.
>
> Bruninga had said: " Now trying to compare that(60) to the 1357
> >successful conventional SAREX QSO's is impossible because no one has
> >any idea how many HAMS worldwide tried it the conventional CONNECTED
> >way... I admit, I dont have a clue... Lets try this...

> > If say 1% of the 600,000 HAMS in the US alone made any attempt,
> > then you get about 6,000 people trying with 1000 successes but who knows?
>
> Chien responds: Quit trying to make up statistics to prove that your
> right when you've got nothing to stand on - you're only kidding
> yourself. Where does the 1% figure come from????? Are there even 6000
> hams who have AX.25 packet modems and use them to attempt to contact the
> shuttle - seriously or occasionally???

COMMENT: In my paper and here, I try to avoid any comparisons because there is NO DATA on conventional SAREX attempts. You keep trying to force me into numbers where there aren't any... and then criticize any attempts to guess. I have heard estimates of 10,000 or more per pass, but I cannot and will not make any comparison because NO ONE KNOWS. But gather any 100 hams together after STS-78 and ask them how many attempted SAREX and use your best judgment. It would not surprise me if at least 1 had tried.. TEN years ago the number of TNC's had passed over 100,000 and the figure was doubling every year... Most of us with our 10 mile radio horizon (one ten-thousandth of the USA) find it hard to grasp the fact that the Shuttle hears 10,000 times more people on the uplink than we do.

> > Chien continues:..... Okay, let's only look at the two continental
> > U.S. passes ... Hmm, that's still less than one tenth the contact
> > rate with the SAREX packet robot on a typical shuttle mission
> >
> > APR REPLY. You are comparing 2 passes... with a 2 WEEK shuttle mission.
> > Compare on a per-pass basis and you get comparable success rates....
>
> Chien responds: WHO ARE YOU TRYING TO KID???? I said "typical"
> mission - and did not specify any mission duration.

APR COMMENT: Still, you are comparing 2 passes to whole-mission counts... and you had just finished 5 pages of complaining about the STS-78 mission.
>

> Chien: QUIT TRYING TO MAINPULATE STATISTICS AND CLAIM FACTS WHERE NONE
> EXIST!!! YOU'RE NOT FOOLING ANYBODY!
>

> > APRS REPLIED: The APRS overhead is only 3 bytes. I would rather see
> > little station ICONS pop up on my PC map screen showing the location of
> > the stations and what kind of station they had and some optional
> > additional text rather than bland serial numbers on a blue screen...
>

> Chien's response: Sorry - given the choice of bland serial numbers on a
> blue screen, or having to listen to unsupportable claims about how great
> APRS is in comparison with "dumb terminal technology the same way we've
> been doing it for 10 years" (Bob's quote from the aforementioned paper
> again) I'll stick with the blue screens....
>

> > So I wonder why Bob Bruniga claims that APRS is a viable protocol for
> > EZ-Sats, space station, or SAREX.
> >

> > WHAT KINDS OF FOOLS DO YOU THINK WE ARE?????????
> >

> >> but I repeat myself ... Philip Chien, KC4YER

REPLY/COMMENT: I appologize if my enthusiasm for APRS as an effecient broadcast protocol for such wide area channels as the AMSAT EASY-SAT concept is taken as forceful. That is not my intent. But some people never see a light until it explodes in their face... hi hi

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From aa0mm@cjnetworks.com Fri Dec 20 10:49:26 1996

Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA05353 for <aprssig@tapr.org>; Fri, 20 Dec 1996 10:49:20 -0600 (CST)

Received: from LOCALNAME (Port125.cjnetworks.com [206.52.159.180]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id KAA19017 for <aprssig@tapr.org>; Fri, 20 Dec 1996 10:48:34 -0600 (CST)

Message-ID: <32BAE0A4.5651@cjnetworks.com>

Date: Fri, 20 Dec 1996 10:53:25 -0800

From: Ross McClain <aa0mm@cjnetworks.com>

Reply-To: aa0mm@cjnetworks.com

X-Mailer: Mozilla 3.01Gold (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7456] Re: Dosaprs and Win95

References: <9612182220.AA32247@oscar.telalink.net>

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

Bruce W. Martin wrote:

>

> > Robert Radmore wrote:

> > > I am a new upgrade to Win95 and find I can't run DosAprs in a

> > > full window. Is there a work around or must I load a version of the

> > > old Dos?

>

> ----- stuff deleted -----

>

> tp which AAÿMM, Ross wrote,

> > Bob,

> > Well Well,,, Windows-95... I know the wonderment! Have you

> > noticed, that with the older first versions of DOS, and WINDOWS 3.1,

> > you got a MANUAL?? I mean a MANUAL???

>

> ----- lots of stuff deleted -----

>

> > Hope I have not TOTALY CONFUSED YOU!

> > GOOD LUCK!

> > And I know Mark and Keith are LAUGHING THEIR HEADS OFF now..

> > Take care De AAÿMM, Ross

> >

>
> Of course they are rally laughing because they know the real answer is you
should have bought a Macintosh.
>
> 73
> Bruce
>
> --
> *****
> * Bruce W. Martin Internet: martinbw@telalink.net *
> * 4558 Brooke Valley Dr. HAM Call: KQ4TV *
> * Hermitage TN 37076-2650 Voice: (615) 872-7733 *
> * FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W *
> * "Being a Mac user is like being a Navy SEAL: a small, elite *
> * group of people with access to the most sophisticated *
> * technology in the world, who everyone calls on to get the *
> * really tough jobs done quickly and efficiently." *
> * -- Nick Lehmann *
> *****
Well I do have an OPEN mind, though, unfortunately, I have never owned a
MAC... Wish I knew more about them.
You take care...
De Ross.

From bruninga@nadm.navy.mil Fri Dec 20 11:19:48 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA06687 for <aprssig@tapr.org>; Fri, 20
Dec 1996 11:19:46 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id MAA18753; Fri, 20 Dec 1996 12:25:00 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 12:25:00 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: amsat-bb@amsat.org
cc: aprssig@tapr.org
Subject: Re: EASY SATS and APRS
In-Reply-To: <v01520d25aede97f554d9@[206.228.234.174]>
Message-ID: <Pine.GS0.3.95.961220115013.25556E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The APRS Grid Square reporting format was suggested for effecient use on
SAREX and other AMSAT Easy-Sats since it was human readable, only took 3
bytes of overhead, and could be used by stations even without a computer..

But the new APRS Mic-Encoder format (currently in TAPR beta test) is even
better. It includes in a 0.3 second packet burst on the tail end of a
voice transmission, the stations exact position, his course and speed, and
1 of 7 pre-planned messages. All in a standard AX.25 packet receivable by
ANY TNC in only 7 bytes of overhead. (plus 6 more bytes if the optional
5 channels of telemetry are included...)

Planners of future amateur communications satellites might find it useful to consider the potential of such capabilities... for HAMS on the move... or small telemetry tasks...(Picosats)

On Thu, 19 Dec 1996, Philip Chien wrote:

> And there's no reason why somebody couldn't come up with a reasonable
> protocol - which fits within the existing protocols and system
> capabilities which would produce colorful icons, pictures, or
> whatever you would wish - without trying to force it down our throats.
> Until then, I'll stick with blue screens and bland serial numbers.
>
> WHAT KINDS OF FOOLS DO YOU THINK WE ARE?????????
>
> but I repeat myself ... Philip Chien, KC4YER

REPLY: Well, that is exactly what APRS is. Just a recognizable way of efficiently putting info in a UI packet... usable by every existing TNC, past and present...

From bruninga@nadm.navy.mil Fri Dec 20 11:25:07 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA06877 for <aprssig@tapr.org>; Fri, 20 Dec 1996 11:25:06 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id MAA19130 for <aprssig@tapr.org>; Fri, 20 Dec 1996 12:30:21 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 12:30:21 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7477] Re: Fwd: Re: Peet Bros. U-500
In-Reply-To: <9611198510.AA851019542@CCGATE.HAC.COM>
Message-ID: <Pine.GS0.3.95.961220122653.25556G-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Dec 1996 ttyamada@CCGATE.HAC.COM wrote about old WX data:

> Perhaps a different Icon for manual entries,
> and also have them time out?

REPLY/COMMENT: We all agree, then, have them die. The hard part is getting agreement on the time period. On HF where the WX report is just a general report for a future port for some sailboat enroute, the report should last a little longer, than a WX report in the middle of a SKYWARN net... But I could live with a 30 minute die period. Anyone have a better number?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Fri Dec 20 11:45:24 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA07979 for <aprssig@tapr.org>; Fri, 20
Dec 1996 11:45:23 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id MAA20941 for <aprssig@tapr.org>; Fri, 20 Dec 1996
12:50:40 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 12:50:40 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7485] Manual WX Entries
In-Reply-To: <Pine.LNX.3.91.961219145703.10580A-100000@bulldog.afsc.k12.ar.us>
Message-ID: <Pine.GSO.3.95.961220124539.25556K-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Dec 1996, J. Scott Ratchford wrote:

> I suggested, that they add a "time out" routine to the program. Say, if
> you enter the data manually that the programs halts wx data transmitting
> after 30 mins or so. Have it delete the data from all other stations,

APRSDOS REPLY/COMMENT: Good point. I was just going to let it die
(transmission wise). But it remains on everyone else's screen until it
GRAYS out. (good comment Mark S.) I suppose you are right.

So... after 30 minutes it is changed to a KILLED object...

Objections?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From 71301.3106@CompuServe.COM Fri Dec 20 11:46:38 1996
Received: from arl-img-6.compuserve.com (arl-img-6.compuserve.com
[149.174.217.136]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA08008 for
<aprssig@tapr.org>; Fri, 20 Dec 1996 11:46:35 -0600 (CST)
Received: by arl-img-6.compuserve.com (8.6.10/5.950515)
id MAA10869; Fri, 20 Dec 1996 12:46:05 -0500
Date: 20 Dec 96 12:44:27 EST
From: Mike Musick <71301.3106@CompuServe.COM>
To: <aprssig@tapr.org>
Subject: Berdoo Maps
Message-ID: <961220174426_71301.3106_FHJ70-2@CompuServe.COM>

There are four WinAPRS maps covering the San Bernardino/Barstow area that were
uploaded to the FTP server a couple of days ago. The person who uploaded them
needs to know that these maps don't work on MacAPRS, but for some strange
reason are ok on WinAPRS. The fact that they were raw binaries and not ZIP'ed

or otherwise encapsulated might be a factor.

So... could you please ZIP the maps and re-upload 'em? Thanks!

...mike/NOQBF

From ttyamada@CCGATE.HAC.COM Fri Dec 20 11:59:20 1996
Received: from igate1.hac.com (igate1.HAC.COM [192.48.33.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA08739 for <aprssig@tapr.org>; Fri, 20 Dec 1996
11:59:15 -0600 (CST)
From: ttyamada@CCGATE.HAC.COM
Received: from ises01.ES.HAC.COM ([147.16.5.2])
by igate1.hac.com (8.8.4/8.8.4) with SMTP
id JAA02872 for <aprssig@tapr.org>; Fri, 20 Dec 1996 09:58:37 -0800 (PST)
Received: by ises01.ES.HAC.COM; id AA29354; Fri, 20 Dec 1996 09:58:29 -0800
Received: from cc:Mail by CCGATE.HAC.COM
id AA851104807; Fri, 20 Dec 96 09:50:07 PST8
Date: Fri, 20 Dec 96 09:50:07 PST8
Encoding: 36 Text
Message-Id: <9611208511.AA851104807@CCGATE.HAC.COM>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7498] Cold GPS45

Might it be the battery voltage?

What does the battery bar graph look like when it's failing?

----- Reply Separator -----
Subject: [APRSSIG:7498] Cold GPS45
Author: aprssig@tapr.org at CCGATE
Date: 12/19/96 10:51 PM

Well, the temperature has dipped in the teens and lower 20's for the last couple of days here in Middle Tennessee. I have noticed that my GPS45 I left running with my tracker in the car has turned itself off. I will start it up again but after about 10 minutes it turns itself off again for lack of a satellite fix. If I put the GPS45 where hot air can blow in it it will finally lock on and start working again. The owners manual states that the operating temperature range is down to 5 deg. F. We have not got there yet. Has anybody else seen this phenomenon? Do I have a defective unit?

Bruce

--

* Bruce W. Martin Internet: martinbw@telalink.net *
* 4558 Brooke Valley Dr. HAM Call: KQ4TV *
* Hermitage TN 37076-2650 Voice: (615) 872-7733 *
* FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W *
* "Being a Mac user is like being a Navy SEAL: a small, elite *

* group of people with access to the most sophisticated *
* technology in the world, who everyone calls on to get the *
* really tough jobs done quickly and efficiently." *
* -- Nick Lehmann *

From sparkfel@primenet.com Fri Dec 20 12:24:06 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA09868 for <aprssig@tapr.org>; Fri, 20
Dec 1996 12:24:04 -0600 (CST)
Received: from ip-21-113.phx.primenet.com (ip-21-113.phx.primenet.com
[206.165.21.113]) by primenet.com (8.8.3/8.8.3) with SMTP id LAA19471; Fri, 20 Dec
1996 11:24:00 -0700 (MST)
Date: Fri, 20 Dec 1996 11:24:00 -0700 (MST)
Message-Id: <1.5.4.16.19961220112402.26df567e@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: "Mark D. Fellhauer" <sparkfel@primenet.com>
Subject: Re: What Kind of Fool Am I...

>WHAT KINDS OF FOOLS DO YOU THINK WE ARE?????????

>

>but I repeat myself ...

>

>

>Philip Chien, KC4YER

>Earth News - space writer and consultant

>note new E-mail address - pchien@digital.net

>

>

What is their fargin propblem? Why is there so much resistance to APRS?

I mean many corporations have embraced the technology, but I know several
hams and others who flinch when I show them this stuff. I guess they're
worried about the Orwellian aspects of the technology or something.

I even had a hard time convincing Len Winkler, KB7LPW, the host of the
nationally syndicated "Ham Radio & More" show about the utility of APRS.

I would like to join AMSAT, BUT if this is their position, I find that
impossible.

Mark Fellhauer
KC7BXS

From tcwik@acy.digex.net Fri Dec 20 12:43:17 1996
Received: from acy1.digex.net (acy1.digex.net [205.197.245.177]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id MAA10837 for <aprssig@tapr.org>; Fri, 20 Dec 1996 12:43:15 -0600 (CST)

Received: (from tcwik@localhost) by acy1.digex.net (8.6.12/8.6.12) id NAA11387 for aprssig@tapr.org; Fri, 20 Dec 1996 13:43:14 -0500

Date: Fri, 20 Dec 1996 13:43:14 -0500

From: Tim Cwik <tcwik@acy.digex.net>

Message-Id: <199612201843.NAA11387@acy1.digex.net>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7510] Re: Fwd: Re: Peet Bros. U-500

On Thu, 19 Dec 1996 ttyamada@CCGATE.HAC.COM wrote about old WX data:

> Perhaps a different Icon for manual entries,
> and also have them time out?

REPLY/COMMENT: We all agree, then, have them die. The hard part is getting agreement on the time period. On HF where the WX report is just a general report for a future port for some sailboat enroute, the report should last a little longer, than a WX report in the middle of a SKYWARN net... But I could live with a 30 minute die period. Anyone have a better number?

What about making 30 min a default, but allowing die period to be selectable by station id? This would allow users to make their own decision about particular manual stations.

Just a thought.

Tim

From bruninga@nadn.navy.mil Fri Dec 20 12:58:02 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA11879 for <aprssig@tapr.org>; Fri, 20 Dec 1996 12:57:57 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id OAA27783 for <aprssig@tapr.org>; Fri, 20 Dec 1996 14:03:14 -0500 (EST)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Fri, 20 Dec 1996 14:03:14 -0500 (EST)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7503] Maplist making question

In-Reply-To: <199612201501.KAA30133@mail-e2b.gnn.com>

Message-ID: <Pine.GSO.3.95.961220140122.25556T-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Dec 1996, Arte Booten wrote:

> I've already got a fairly decent idea on how to use MK100K3. but
> haven't yet figured out what to do with the results of these efforts.
> I'm pretty sure the format is as follows:

>
> Mapname.map,90.00,180.00,512

APRSdos REPLY/COMMENT: Must have a comma after the 512 for comments if any. Otherwise everything gets screwed up...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Fri Dec 20 13:16:23 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA12833 for <aprssig@tapr.org>; Fri, 20 Dec 1996 13:16:20 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id OAA29344 for <aprssig@tapr.org>; Fri, 20 Dec 1996 14:21:34 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 14:21:34 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: EASY SATS and APRS (fwd)
Message-ID: <Pine.GS0.3.95.961220142025.25556X-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here was my reply to Philip Chien trying to address only the facts...

On Wed, 18 Dec 1996, Philip Chien lambasted APRS, but some of the more obvious oversights in his meandering attack need addressing:

> As Bob notes in his paper "18 stations were successfully reported via SAREX
> as part of the APRtrak/APRS experiment"....
> This is in comparison with the total 1357 connects registered by the SAREX
> packet robot.
>
> But I guess the 1357 folks who did get connects learned math from a
> different place than Bob.

COMMENT: Read the paper. There were only 10 stations seriously attempting APRS, and 29 others who tried occasionally, many only once on passes not even optimal for their location (all in the USA). With 65 successful packets from 18 different stations you get a feel for the numbers. Now trying to compare that to the 1357 successful conventional SAREX QSO's is impossible because no one has any idea how many HAMS worldwide tried it the conventional CONNECTED way... I admit, I don't have a clue... Let's try this:

Of the 1357, let's say that only 1000 were in the USA (remember, anyone in a less densely populated area of the world will see little congestion and will certainly see better success rates..)

If say 1% of the 600,000 HAMS in the US alone made any attempt, then you get about 6,000 people trying with 1000 successes but who knows?

Anyway, in my paper, I made no attempt at comparison other than to conclude that APRS was successful because 65 little Icons and associated text were relayed via SAREX successfully to the joy of the participants. It seemed that the success rate was in the same ballpark as the SAREX rate. I further concluded that if success was measured by getting one packet digipeated through SAREX instead of a total of 5 per station as presently required using the CONNECTED protocol, that the overall success rate for everyone would be much higher.. My math teacher tells me that 1 packet is smaller and consumes less bandwidth than 5. Nothing more...

> In Bob Bruniga's very questionable conclusions he states "had no adverse
> impact on the normal SAREX packet activity and should be encouraged on all
> future SAREX packet experiments" Which completely ignores the fact that
> there were APRS stations which made multiple contacts, and others which
> included messages in their status text - packet time which took away
> potential opportunities for others to get through to the shuttle.

Count the total packets. APRS stations only transmit a few packets per pass compared to continuous uncontrollable CONNECT requests from 6000 other stations... Ten packets per attempt. I concluded that 65 APRS packets from 18 people over a 2 week mission is still a very small number and probably had no impact on the SAREX mission.

Chien continues: Let's look at SPRE, where APRS was the only authorized
> form of communications.... During the two passes where SPRE was in
> operation a total of 60 worldwide contacts were reported.... Hmm, that
> works out to only once every 19 minutes! Okay, let's only look at the
> two continental U.S. passes ... Hmm, that's still less than one tenth
> the contact rate with the SAREX packet robot on a typical shuttle
> mission ... So much for the claims that APRS increases the number of
> people who can get through or that it would eliminate frustrations from
> unsuccessful contacts.

REPLY. You are comparing 2 passes that occurred between 0100 and 0500 AM mostly over the Gulf and Atlantic ocean, with a 2 WEEK shuttle mission with 25 packet passes over the USA during waking hours. Compare the two on a per pass basis and you get comparable success rates. Further, the 60 successes are for only 66 people trying. Yielding a 91% success rate.

> I do agree with Bob that SAREX contacts should only require a single
> contact instead of a multi-step process (hence my references only to the
> connects), and this is the attitude of the SAREX team. And will note that
> a packet protocol which *just* sends up the call sign to the shuttle, and
> returns a serial number, would take up even less packet time than an APRS
> contact since it would include less characters.

REPLY: The APRS overhead is only 3 bytes. I would rather see little station ICONS pop up on my map showing the location of the stations and what kind of station they were running and some possible additional text

rather than bland serial numbers on a blue screen...

> So I wonder why Bob Bruniga claims that APRS is a viable protocol for
> EZ-Sats, space station, or SAREX.
>
> WHAT KINDS OF FOOLS DO YOU THINK WE ARE?????????
>
> but I repeat myself ... Philip Chien, KC4YER

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From DBORCHER@nogmail.gi.com Fri Dec 20 13:21:24 1996
Received: from ariel.gi.com (ariel.gi.com [168.84.84.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA13177 for <aprssig@tapr.org>; Fri, 20 Dec 1996
13:21:22 -0600 (CST)
Received: from gismtpgate.gi.com (po1.gi.com) by GI.COM (PMDF V5.0-6 #7516)
id <01ID8C3DEUI8BSN0B0@GI.COM> for aprssig@tapr.org; Fri,
20 Dec 1996 11:21:17 -0700 (PDT)
Received: by gismtpgate.gi.com with Microsoft Mail id
<32BAE5CA@gismtpgate.gi.com>; Fri, 20 Dec 1996 11:15:22 -0800 (PST)
Date: Fri, 20 Dec 1996 12:21:00 -0800 (PST)
From: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>
Subject: RE: [APRSSIG:7510] Re: Fwd: Re: Peet Bros. U-500
To: aprssig <aprssig@tapr.org>
Message-id: <32BAE5CA@gismtpgate.gi.com>
X-Mailer: Microsoft Mail V3.0
Content-transfer-encoding: 7BIT
Encoding: 37 TEXT

If you're going to have different types of wx reports, why not assign
different default timeout values, and allow users to change them
independently?

Perhaps automated reports should die faster regardless of where they
are being applied since you expect them to update regularly anyhow,
and use your suggested default of 30 min for manual reports. (I'm sure
somebody will WANT to see a five-hour-old report, so why not let them?)
Or how about having the station SENDING the manual reports stop after
the die time unless updated? That way it will go away everywhere...

Dave Borcher K7NG
Arizona Skywarn Obs #197
dborcher@nogmail.gi.com

From: aprssig
To: aprssig
Subject: [APRSSIG:7510] Re: Fwd: Re: Peet Bros. U-500
Date: Friday, December 20, 1996 11:33AM

On Thu, 19 Dec 1996 ttyamada@CCGATE.HAC.COM wrote about old WX data:

> Perhaps a different Icon for manual entries,
> and also have them time out?

REPLY/COMMENT: We all agree, then, have them die. The hard part is getting agreement on the time period. On HF where the WX report is just a general report for a future port for some sailboat enroute, the report should last a little longer, than a WX report in the middle of a SKYWARN net... But I could live with a 30 minute die period. Anyone have a better number?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From sproul@ap.org Fri Dec 20 13:26:50 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA13296 for <aprssig@tapr.org>; Fri, 20 Dec 1996 13:26:48 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id OAA22931; Fri, 20 Dec 1996 14:20:23 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780eaae0970ed653@[165.1.27.20]>
In-Reply-To: <199612201843.NAA11387@acy1.digex.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Dec 1996 14:24:37 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7515] Re: Fwd: Re: Peet Bros. U-500

>What about making 30 min a default, but allowing die period to be
>selectable by station id? This would allow users to make their own
>decision about particular manual stations.
>

Allowinmg each user to specify the "die" period of each MANUAL WX station on the screen is both tedious for the user and A REAL PAIN to program. Implementing a EXPERATION TIME of say 30 minutes or an hour for the TRANSMITTING station is easy.

What I expect to do is when a person inputs manual WX data, transmit it as is done now and continue to transmit at what ever WX XMIT rate the user has set up to 30 minutes or an hour. After that, the TRANSMITTING station will no longer output the WX data. It will continue to output other APRS data but NOT WX data. If the user goes in and updates the WX data, the timers are reset and it CONTINUES to output.

On the WinAPRS WX display option, you see the wx data, i.e. temp, rain, etc. But you ALSO see the AGE of the WX data, I was playing last night and there was some WX data that was 70 hours old (not very useful) but the display TOLD me it was 70 hours old I can then ignore it if I want. It happened to be a station in Puerto Rico so given the location, it was still some what useful, Had it been in NJ, were the average temp has dropped 30 over the last 70 hours it would have not been usefull.

Anyway, the above is what is planned for Mac/WinAPRS.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From n0lrf@amsat.org Fri Dec 20 13:28:47 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA13476 for <aprssig@tapr.org>; Fri, 20 Dec 1996 13:28:45 -0600 (CST)
Received: from stump (port33.idtskc1.idir.net [204.189.69.218]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id NAA12740 for <aprssig@tapr.org>; Fri, 20 Dec 1996 13:28:47 -0600
Message-ID: <32BAE957.40AC@amsat.org>
Date: Fri, 20 Dec 1996 13:30:31 -0600
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7511] Re: Manual WX Entries
References: <Pine.GS0.3.95.961220124539.25556K-1000000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

> So... after 30 minutes it is changed to a KILLED object...
>
> Objections?

I LIKE IT!

--

73, Paul, n0lrf@amsat.org

From sproul@ap.org Fri Dec 20 13:41:27 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)

with SMTP id NAA14184 for <aprssig@tapr.org>; Fri, 20 Dec 1996 13:41:26 -0600 (CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id OAA23373; Fri, 20 Dec 1996 14:35:00 -0500

X-Sender: sproul@165.1.6.1

Message-Id: <v0300780faee099b575d9@[165.1.27.20]>

In-Reply-To: <961220174426_71301.3106_FHJ70-2@CompuServe.COM>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 20 Dec 1996 14:33:38 -0500

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: Re: [APRSSIG:7512] Berdoo Maps

>There are four WinAPRS maps covering the San Bernardino/Barstow area that were
>uploaded to the FTP server a couple of days ago. The person who uploaded them
>needs to know that these maps don't work on MacAPRS, but for some strange
>reason are ok on WinAPRS. The fact that they were raw binaries and not ZIP'ed
>or otherwise encapsulated might be a factor.

>

>So... could you please ZIP the maps and re-upload 'em? Thanks!

>

> ...mike/N0QBF

I downloaded these maps to take a look at them. All 3 of them
VICTORVI.map, BIG_BEAR.map, and NEWBERRY.map (I hope these are the ones you
referred to since you did not specify) have some data at the end missing or
else the header is messed up. There is less points then the header says
there is. Possibly the files got truncated when they were uploaded.

I have fixed MacAPRS and WinAPRS to handle this situation and report the
error but it then goes ahead and reads the map anyway.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From k3nxf@silcom.com Fri Dec 20 13:45:36 1996

Received: from beach.silcom.com (beach.silcom.com [199.201.128.19]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA14389 for <aprssig@tapr.org>; Fri, 20 Dec 1996
13:45:35 -0600 (CST)

Received: from K3NXF-1 by beach.silcom.com (940816.SGI.8.6.9/SMI-4.1)
id LAA23911; Fri, 20 Dec 1996 11:44:46 -0800

Message-Id: <199612201944.LAA23911@beach.silcom.com>

X-Sender: k3nxf@silcom.com (Unverified)

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Dec 1996 11:38:28 -0800
To: aprssig@tapr.org
From: Ron Drumheller <k3nxf@silcom.com>
Subject: Need an e-mail address for W7KKE

Hi,

I need to talk with Ken Swaggart, W7KKE.

Does anyone have his email address or phone number.

Thanks,
Ron K3N XF

From jzaruba@juno.com Fri Dec 20 14:02:51 1996
Received: from x17.boston.juno.com (x17.boston.juno.com [205.231.100.29]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA15532 for <aprssig@tapr.org>; Fri, 20 Dec 1996 14:02:49 -0600 (CST)
Received: (from jzaruba@juno.com) by x17.boston.juno.com (queuemail) id PwA09415; Fri, 20 Dec 1996 15:01:15 EST
To: kc5ejk@onramp.net
Cc: aprssig@tapr.org
Date: Fri, 20 Dec 1996 14:53:13 EST
Subject: Apologies
Message-ID: <19961220.145947.8390.1.jzaruba@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,3-9
From: jzaruba@juno.com (John A Zaruba Jr.)

I'm sorry for the mix up Robert.

That mail was supposed to go to AMSAT-BB. I was a little worked up myself and mis-addressed it.

Again my apologies for the wasted bandwidth.

73 de John AA2BN
jzaruba@juno.com

From bruninga@nadm.navy.mil Fri Dec 20 14:18:57 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA16989 for <aprssig@tapr.org>; Fri, 20 Dec 1996 14:18:53 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id PAA03961 for <aprssig@tapr.org>; Fri, 20 Dec 1996 15:24:12 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 15:24:12 -0500 (EST)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7510] Re: Fwd: Re: Peet Bros. U-500
In-Reply-To: <Pine.GS0.3.95.961220122653.25556G-100000@arctic>
Message-ID: <Pine.GS0.3.95.961220151914.3527C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While fixing the old WX report problem after 30 mins, I decided to just change the station ICON from a WX station to a DOT. This way the station is NOT killed but he still stays on the map. Since his ICON is no longer WX, then it is ignored in all WX stuff. But his old WX stays there in his station posit if anyone is interested...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From N2ZRC@gnn.com Fri Dec 20 14:19:08 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA17027 for <aprssig@tapr.org>; Fri, 20 Dec 1996 14:19:06 -0600 (CST)
Received: from 34-40.client.gnn.com. (34-40.client.gnn.com [205.188.34.40]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id PAA28785 for <aprssig@tapr.org>; Fri, 20 Dec 1996 15:18:32 -0500 (EST)
Message-Id: <199612202018.PAA28785@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Dec 1996 15:17:50
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Maplist making question

Hi Mapmakers,

I've already got a fairly decent idea on how to use MK100K3. and MAPFIX28 but haven't yet figured out what to do with the results of these efforts. I made some maps, but have absolutely NO idea how to go about making a maplist! I'm pretty sure the format is as follows:

Mapname.map,90.00,180.00,512

where 90.00 is the map center in LATitude, 180.00 is it's LONGitude and 512 is the scale at which the map will first appear. I also understand that smaller scale maps must be lower on the list than the larger ones. To this end I tried "grafting" my new entires into an existing, appropriate maplist to no avail. Yes, I did make sure there were less than 160 maps in that maplist and they were at the bottom (it was one

of Bob's APRS DISTRO maplists, so all the maps were 32-milers and mine are smaller.)

Where am I going wrong? Hopefully I'll get this solved soon so I can give you all a little Christmas Present on the TAPR site. Just a little something I've been whipping up. Tnx & 73 (And, for all the traffic handlers, ARL Sixty One!)

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From N2ZRC@gnn.com Fri Dec 20 14:19:20 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA17054 for <aprssig@tapr.org>; Fri, 20 Dec 1996 14:19:17 -0600 (CST)
Received: from 34-40.client.gnn.com. (34-40.client.gnn.com [205.188.34.40])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id PAA23421 for <aprssig@tapr.org>;
Fri, 20 Dec 1996 15:18:40 -0500 (EST)
Message-Id: <199612202018.PAA23421@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Dec 1996 15:18:25
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Mapmaking question

Hi Mapmakers,

I'm trying to make a series of maps with Mk100k3 (a series of nine 4-mile maps and thirty-six 1-mile maps, four to each 4-mile map.) So far I've gotten all of the 4-mile maps done and all but one of the 1-mile maps. When trying to make this one from within a "DOS" window in Windows 95 the files draw the map and starts to chain the segments. The program then gets shut down and I get a message saying "This program has performed an illegal operation and will be shut down." Very shortly there-after Norton Utilities tells me that "Virtual Memory Usage is Too High."

I then tried running the program from within a DOS session (shut down the compu-

ter, press F8 to select boot to command prompt only" and soon after the segments be-
gin to chain (it gets to 16) the program freezes.

I thought perhaps there was something wrong with the DLG files, so I deleted and unzipped them afresh. Then I tried the above steps again with the same results.

This map is a detailed (default 1-mile detail level, not "+" or "!") street level map with dense urban streets and many of the others are coming out of Task-Skrunch 1.2 with much more than 3000 points (I know how to reduce these further) and am sure that this map is also too big as is.

This series has been tough to do because of the density of streets and the sheer size of the DLG files. They are from TWO adjacent sets of DLG files (all from the 100K opt. format for my region) and I had to make the streets and hydro maps separately, then combine them with Mapfix. If I tried it otherwise, Mk100k3 wouldn't "see" the hydro DLG files. It's also my first attempt at mapmaking and it's a doozy anyhow.

I don't want to disclose the location of these maps publicly on the SIG just yet (I want it to be a surprise!), but will give specifics (map center and scale) to someone wishing to try to reproduce this problem.

The computer is a PC-clone DX2/50 with 12mB RAM running Win95. I've never seen this "Virtual Memory" stuff before with any of my other mapmaking efforts or, for that matter, with ANY other program.

Thanks for your help. Jack, I hope you see this and can figure it out! 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From bruninga@nadm.navy.mil Fri Dec 20 14:24:30 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA17391 for <aprssig@tapr.org>; Fri, 20 Dec 1996 14:24:27 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id PAA04374 for <aprssig@tapr.org>; Fri, 20 Dec 1996 15:29:44 -0500 (EST)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 15:29:43 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7519] Re: Fwd: Re: Peet Bros. U-500
In-Reply-To: <v0300780eaae0970ed653@[165.1.27.20]>
Message-ID: <Pine.GS0.3.95.961220152530.3527D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Dec 1996, Mark Sproul wrote:

> What I expect to do is when a person inputs manual WX data, transmit it as
> is done now and continue to transmit at what ever WX XMIT rate the user has
> set up to 30 minutes or an hour. After that, the TRANSMITTING station will
> no longer output the WX data. It will continue to output other APRS data
> but NOT WX data.

APRSdos REPLY/COMMENT: This is fine for me too, since APRSdos stores the
WXposit and POSIT in the same place, then if the Win/Mac station sends a
posit without the WX included, then this overwrites the WX posit and it is
gone for good. DONE... (I also nailed it at 30 minutes too)

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From lhousey@excel.net Fri Dec 20 14:27:19 1996
Received: from excel.net (root@excel.net [156.46.156.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA17550 for <aprssig@tapr.org>; Fri, 20 Dec 1996
14:27:17 -0600 (CST)
Received: from cardinal.excel.net (cardinal.excel.net [156.46.156.101]) by
excel.net (8.6.12/8.6.12) with SMTP id OAA15140 for <aprssig@tapr.org>; Fri, 20
Dec 1996 14:27:28 -0600
Date: Fri, 20 Dec 1996 14:27:28 -0600
Message-Id: <1.5.4.16.19961220142515.1a0f3b20@excel.net>
X-Sender: lhousey@excel.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Josh Housey <lhousey@excel.net>
Subject: Thanks

I just want to thank everyone who responded to this.

Merry Christmas to all on the sig.

73

Josh, KG9BO

Josh, Lee, Linda, Steve, Travis, and Tim Housey
lhousey@excel.net
Sheboygan, Wisconsin

Amateur Radio: Josh, KG9BO es Lee, N9YLS
Packet: KG9BO@N9GHE.#MTW.WI.USA.NA
Packet: N9YLS@N9GHE.#MTW.WI.USA.NA
Latitude: 43' 45" N
Longitude: 87' 43" W

From lhousey@excel.net Fri Dec 20 14:28:58 1996
Received: from excel.net (root@excel.net [156.46.156.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA17613 for <aprssig@tapr.org>; Fri, 20 Dec 1996
14:28:54 -0600 (CST)
Received: from cardinal.excel.net (cardinal.excel.net [156.46.156.101]) by
excel.net (8.6.12/8.6.12) with SMTP id OAA15377 for <aprssig@tapr.org>; Fri, 20
Dec 1996 14:29:08 -0600
Date: Fri, 20 Dec 1996 14:29:08 -0600
Message-Id: <1.5.4.16.19961220142655.1a0f3856@excel.net>
X-Sender: lhousey@excel.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Josh Housey <lhousey@excel.net>
Subject: HF APRS

Hello everyone. I am a active APRS user on 30 meters and I am just wondering
if APRS has appeared on any our HF bands.
You can send a response directly to lhousey@excel.net, or through the SIG.
Thanks.
73
Josh, KG9BO

Josh, Lee, Linda, Steve, Travis, and Tim Housey
lhousey@excel.net
Sheboygan, Wisconsin
Amateur Radio: Josh, KG9BO es Lee, N9YLS
Packet: KG9BO@N9GHE.#MTW.WI.USA.NA
Packet: N9YLS@N9GHE.#MTW.WI.USA.NA
Latitude: 43' 45" N
Longitude: 87' 43" W

From bruninga@nadn.navy.mil Fri Dec 20 16:14:39 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA23534 for <aprssig@tapr.org>; Fri, 20
Dec 1996 16:14:37 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id RAA10161 for <aprssig@tapr.org>; Fri, 20 Dec 1996
17:19:55 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Dec 1996 17:19:55 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org

Subject: APRS HF QRP...

Message-ID: <Pine.GS0.3.95.961220171256.8882G-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, so far no one has responded to my QRP APRS station on 10.151 LSB but its probably because of the 100 Hz per hour wandering of the VFO. Xtal is on order for instln probably after XMAS, so I am going back to 100 watt rig.

Also, the RAMSEY 20 Watt QRP amp works fine... up to about 7 watts out with 1 watt in.. Analyze the circuit, and it couldnt possibly go higher. The transistors are fully driven at that point. So its OK, just some optimistic advertising..... It does give you 7 dB gain to their 1 watt QRP xmtr.... But does nothing for my 5 watt MFJ.

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From TOMMY.ELLISON@worldnet.att.net Fri Dec 20 16:18:27 1996

Received: from mtigwc01.worldnet.att.net (ns.worldnet.att.net [204.127.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA23804 for <aprssig@tapr.org>; Fri, 20 Dec 1996 16:18:24 -0600 (CST)

Received: from tellison ([207.146.4.231]) by mtigwc01.worldnet.att.net (post.office MTA v2.0 0613) with ESMTP id AAA12602 for <aprssig@tapr.org>; Fri, 20 Dec 1996 22:18:13 +0000

From: "Tommy Ellison" <TOMMY.ELLISON@worldnet.att.net>

To: <aprssig@tapr.org>

Subject: No GPS data from DFJr MPA

Date: Fri, 20 Dec 1996 16:56:30 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Message-ID: <19961220221812.AAA12602@tellison>

I cannot get any GPS data strings from the DFJr MPA. I am using the Magellin Meridian/XL GPS set at the default 4800 baud. Have tried to set it as specified by the manual but with no success. I am getting DF telemetry just fine, but without the GPS position string. It's like the GPS is not even connected. Does anyone have any suggestions as to what I might be doing wrong? Any comments would be appreciated

Tommy Ellison KE4DGH

From rparry@qualcomm.com Fri Dec 20 16:43:58 1996

Received: from fezik.qualcomm.com (fezik.qualcomm.com [129.46.52.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA24917 for <aprssig@tapr.org>; Fri, 20 Dec 1996 16:43:55 -0600 (CST)

Received: from [129.46.159.136] (rparry-mac.qualcomm.com [129.46.159.136]) by

fezik.qualcomm.com (8.8.4/1.4d/8.7.2/1.12) with ESMTp id OAA16243 for
<aprssig@tapr.org>; Fri, 20 Dec 1996 14:43:24 -0800 (PST)
X-Sender: rparry@nala.qualcomm.com
Message-Id: <v03007807aee0c5712404@[129.46.159.136]>
In-Reply-To: <19961213.122622.2151.2.bb1iss@juno.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Dec 1996 14:43:22 -0800
To: aprssig@tapr.org
From: Richard Parry <rparry@qualcomm.com>
Subject: HF APRS Questions

To the HF APRS's,

I am trying to understand the benefits of having a personal HF APRS system. For example, if I have a local GATE, why would I want to have a personal HF APRS system. Seems I already have the information the HF APRS's have thanks to a local GATE. Isn't the GATE providing me with the information that the HF APRS see?

In other words, when I look at my 144.79 APRS map and see APRS's over the US, aren't I seeing what the HF APRS people are seeing and I don't need an HF rig.

Am I missing something?

Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B
Globalstar/Gateway Reverse Link
Intranet --> <<http://web/~rparry>>
Internet --> <<http://www.qualcomm.com/~rparry>>

From k3nxf@silcom.com Fri Dec 20 17:27:49 1996
Received: from beach.silcom.com (beach.silcom.com [199.201.128.19]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA27386 for <aprssig@tapr.org>; Fri, 20 Dec 1996 17:27:48 -0600 (CST)
Received: from K3NXF-1 by beach.silcom.com (940816.SGI.8.6.9/SMI-4.1) id PAA22746; Fri, 20 Dec 1996 15:26:57 -0800
Message-Id: <199612202326.PAA22746@beach.silcom.com>
X-Sender: k3nxf@silcom.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Dec 1996 15:20:40 -0800
To: aprssig@tapr.org
From: Ron Drumheller <k3nxf@silcom.com>
Subject: Re: [APRSSIG:7522] Need an e-mail address for W7KKE

To All,

Thanks for the reply about the address for W7KKE.

73,
Ron K3N XF

At 01:49 PM 12/20/96 -0600, you wrote:

>Hi,

>

>I need to talk with Ken Swaggart, W7KKE.

>

>Does anyone have his email address or phone number.

>

>

>Thanks,

>Ron K3N XF

>

>

From sdimse@bridge.net Fri Dec 20 17:56:27 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA28580 for <aprssig@tapr.org>; Fri, 20 Dec 1996 17:56:26 -0600 (CST)

Received: from [207.16.5.43] (ppp-mia1-43.bridge.net [207.16.5.43]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id SAA11335 for <aprssig@tapr.org>; Fri, 20 Dec 1996 18:56:18 -0500 (EST)

Message-Id: <199612202356.SAA11335@newworld.bridge.net>

Subject: Re: [APRSSIG:7532] HF APRS Questions

Date: Fri, 20 Dec 96 18:56:42 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris EMailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>To the HF APRS's,

>

> I am trying to understand the benefits of having a personal HF APRS
>system. For example, if I have a local GATE, why would I want to have a
>personal HF APRS system. Seems I already have the information the HF
>APRS's have thanks to a local GATE. Isn't the GATE providing me with the
>information that the HF APRS see?

>

You only see the info that is specifically passed thru the GATE. For example, on HF some stations do not put GATE into their paths, so you'd never see them on the VHF side of the GATE. Also, suppose an HF station sets his path to APRS via W7LUS,GATE,WIDE. If the GATE in your area is hearing him direct, and not hearing the digi W7LUS, the posit report would not make it onto VHF. In practice I'd say (guess) that only 2/3 of the HF STATIONS I see make it through the GATE.

> In other words, when I look at my 144.79 APRS map and see APRS's over
>the US, aren't I seeing what the HF APRS people are seeing and I don't need

>an HF rig.

>

You'd probably have better luck on 145.79, HI. But yes, the ability to see the positions without an HF rig is one of the main reasons for HF GATES. You will see more stations with your own HF station.

Steve K4HG

sdimse@bridge.net

From jagrelo@cris.com Fri Dec 20 18:03:55 1996

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA28967 for <aprssig@tapr.org>; Fri, 20 Dec 1996 18:03:54 -0600 (CST)

Received: from crc3.pop3.net (cnc059032.concentric.net [206.83.77.32]) by cliff.cris.com (8.8.3/(96/11/08 1.11)) id TAA19678; Fri, 20 Dec 1996 19:03:51 -0500 (EST) [1-800-745-2747 The Concentric Network]

Errors-To: <jagrelo@cris.com>

Message-ID: <32BB54F5.1794@cris.com>

Date: Fri, 20 Dec 1996 19:09:41 -0800

From: Joe Agrelo <jagrelo@cris.com>

Reply-To: jagrelo@cris.com

Organization: Agrelo Engineering

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7531] No GPS data from DFjr MPA

References: <19961220221812.AAA12602@tellison>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Tommy Ellison wrote:

>

> I cannot get any GPS data strings from the DFjr MPA. I am using the
> Magellin Meridian/XL GPS set at the default 4800 baud. Have tried to set it
> as specified by the manual but with no success. I am getting DF telemetry
> just fine, but without the GPS position string. It's like the GPS is not
> even connected. Does anyone have any suggestions as to what I might be
> doing wrong? Any comments would be appreciated

>

> Tommy Ellison KE4DGH

Tommy,

DFsr here, it sounds like the GPS port is off, or your not sending RMC from the Meridian. You can send all the NMEA strings to the DFjr and it will parse the RMC sentence.

After doing a MENU-10 factory reset (GPS port is off from factory)

GOTO MENU-3 (LED between 45 & 90)
GOTO SUB-1 (LED between 0 & 315)
THEN ENTER

This will turn on the GPS port on, default \$GPRMC. Watch your data coming in through any terminal program before attempting APRS. I answer tech question over the weekend if you need me.

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

From z004391b@bcfreenet.seflin.lib.fl.us Fri Dec 20 18:46:09 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA01109 for <aprssig@tapr.org>; Fri, 20 Dec 1996 18:46:08 -0600 (CST)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id TAA29849; Fri, 20 Dec 1996 19:45:39 -0500
Date: Fri, 20 Dec 1996 19:45:39 -0500 (EST)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:7452] Re: APRS on an 8088
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <199612190354.WAA02350@babbarge.csee.usf.edu>
Message-ID: <Pine.3.89.9612201954.A28993-0100000@bcfreenet>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There is a program called HGCIBM and it is installed 'hgcibm /e' where the /e is for 'emulate' I guess. It allows the Herculese Graphics adapter to behave as if it were a CGA, Color Graphics Adapter. It should work nicely with APRS. 73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

From martinbw@telalink.net Fri Dec 20 19:07:03 1996
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id TAA02394 for <aprssig@tapr.org>; Fri, 20 Dec 1996 19:07:02 -0600 (CST)

Received: from oscar.telalink.net (nash-pm1-s26.telalink.net [205.241.232.59]) by eve.telalink.net (Telalink-MTA/5.2n) with SMTP id TAA23759 for <aprssig@tapr.org>; Fri, 20 Dec 1996 19:06:18 -0600 (CST)

X-Mailer: InterCon tcpCONNECT4 4.0.2 (Macintosh)

MIME-Version: 1.0

Message-Id: <9612201907.AA54950@oscar.telalink.net>

Date: Fri, 20 Dec 1996 19:07:54 -0600

From: "Bruce W. Martin" <martinbw@telalink.net>

To: aprssig@tapr.org

Subject: Re: Cold GPS45

Content-Type: Text/Plain; charset=US-ASCII

Content-Disposition: Inline

I don't think that battery voltage is the problem. The GPS45 is powered from the automobile electrical system, and the car started up just fine. When the GPS45 is powered externally the bar graph does not show up. I should also mention that I am using a motorola puck antenna on the dash and has worked just fine in warmer temps. Changing to the standard GPS45 antenna makes no difference.

Bruce

>
> Might it be the battery voltage?
> What does the battery bar graph look like when it's failing?
>
>
> _____ Reply Separator _____
> Subject: [APRSSIG:7498] Cold
> GPS45 Author: aprssig@tapr.org at CCGATE Date:12/19/96 10:51 PM
>
>
> Well, the temperature has dipped in the teens and lower 20's for the
> last couple of days here in Middle Tennessee. I have noticed that my
> GPS45 I left running with my tracker in the car has turned itself off.
> I will start it up again but after about 10 minutes it turns itself
> off again for lack of a satellite fix. If I put the GPS45 where hot
> air can blow in it it will finally lock on and start working again.
> The owners manual states that the operating temperature range is down
> to 5 deg. F. We have not got there yet. Has anybody else seen
> this phenomenon? Do I have a defective unit?
>
> Bruce

--

* Bruce W. Martin Internet: martinbw@telalink.net *
* 4558 Brooke Valley Dr. HAM Call: KQ4TV *

* Hermitage TN 37076-2650 (615) 872-7733 *

From jagrelo@cris.com Fri Dec 20 19:18:28 1996
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA02989 for <aprssig@tapr.org>; Fri, 20 Dec 1996
19:18:27 -0600 (CST)
Received: from crc3.pop3.net (cnc059064.concentric.net [206.83.77.64])
by cliff.cris.com (8.8.3/(96/11/08 1.11))
id UAA25058; Fri, 20 Dec 1996 20:18:24 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Message-ID: <32BB666C.3595@cris.com>
Date: Fri, 20 Dec 1996 20:24:12 -0800
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7531] No GPS data from DFJr MPA (part-2)
References: <19961220221812.AAA12602@tellison>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tommy Ellison wrote:

>
> I cannot get any GPS data strings from the DFJr MPA. I am using the
> Magellin Meridian/XL GPS set at the default 4800 baud. Have tried to set it
> as specified by the manual but with no success. I am getting DF telemetry
> just fine, but without the GPS position string. It's like the GPS is not
> even connected. Does anyone have any suggestions as to what I might be
> doing wrong? Any comments would be appreciated

Tommy,

I forgot to mention that the GPS posit rate is set to a default of 40
seconds,

You may want to shorten this just for your testing.

Posting here on the SIG so others may benefit as well.

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering

Joe Agrelo/President

P.O.Box 231 Pattersonville, NY 12137 USA

ph (518)864-7551 effective 8/15

fax (518)864-7553 " "

mailto:Jagrelo@cris.com

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.

Experts in Microchip & Motorola processors
XX

From davew@cruzio.com Fri Dec 20 20:14:52 1996
Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA05687 for <aprssig@tapr.org>; Fri, 20 Dec 1996
20:14:50 -0600 (CST)
Date: Fri, 20 Dec 1996 20:14:50 -0600 (CST)
Received: from pine222.cruzio.com by bbs.cruzio.com id aa16984;
20 Dec 96 18:06 PST
X-Sender: davew@mail.cruzio.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:7469] Re: Xmas specials
Message-ID: <9612201806.aa16984@bbs.cruzio.com>

At 09:50 AM 12/19/96 -0600, you wrote:
>On Wed, 18 Dec 1996, David Wells wrote:
>
>> The company I work for (which will remain nameless so I do not seem too
>> commercial) has been selling GPS-45's (and some other models) as
>> "Distressed" (used but good) at quite a savings off the usual price. Perhaps
>> this is what the person was refering to.
>
>APRSdos REPLY/COMMENT: THis isnt HAM radio, hi hi.. HOw much???? Im
>sure there are folks here that would like to hear and maybe purchase
>one...
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
>GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>
>
>.-
>
>

OK, OK. I work for West Marine. The stores that sell distressed products are
listed below. You must contact them for price and availability.

Seattle, WA.....206-789-4640
Oakland, CA.....510-532-5230
San Diego, CA.....619-225-8844
Ft. Liqueordale err Lauderdale....305-527-5540
Alexandria, VA.....703-549-7020

Dave

David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA

"positive rate, gear up, flaps to initial....I'm outa here!"

From davew@cruzio.com Fri Dec 20 20:14:54 1996
Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA05703 for <aprssig@tapr.org>; Fri, 20 Dec 1996 20:14:53 -0600 (CST)
Date: Fri, 20 Dec 1996 20:14:53 -0600 (CST)
Received: from pine222.cruzio.com by bbs.cruzio.com id aa17094;
20 Dec 96 18:06 PST
X-Sender: davew@mail.cruzio.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:7498] Cold GPS45
Message-ID: <9612201806.aa17094@bbs.cruzio.com>

At 12:24 AM 12/20/96 -0600, you wrote:

>Well, the temperature has dipped in the teens and lower 20's for the last
>couple of days here in Middle Tennessee. I have noticed that my GPS45 I left
>running with my tracker in the car has turned itself off. I will start it up
>again but after about 10 minutes it turns itself off again for lack of a
>satellite fix. If I put the GPS45 where hot air can blow in it it will
finally
>lock on and start working again. The owners manual states that the operating
>temperature range is down to 5 deg. F. We have not got there yet. Has anybody
>else seen this phenomenon? Do I have a defective unit?
>
>Bruce
>

I do not own a 45 and I do not have a manual here but if it does not say
"operating" temperature then it means storage temperature.

Dave
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA
"positive rate, gear up, flaps to initial....I'm outa here!"

From marley@lu.lincoln.edu Fri Dec 20 20:19:26 1996
Received: from lu.lincoln.edu (lu.lincoln.edu [192.131.155.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA06007 for <aprssig@tapr.org>; Fri, 20 Dec 1996 20:19:24 -0600 (CST)
From: marley@lu.lincoln.edu
Message-Id: <199612210219.UAA06007@tapr.org>
Received: from 206.161.190.10 ([206.161.190.10]) by lu.lincoln.edu with SMTP;
Fri, 20 Dec 1996 21:18:07 -0500
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Date: Fri, 20 Dec 96 21:20:08 -0500

Subject: Re: [APRSSIG:7513] Re: Cold GPS45
To: aprssig@tapr.org
In-Reply-To: <9611208511.AA851104807@CCGATE.HAC.COM>
X-Mailer: SPRY Mail Version: 04.00.06.17

I HAVE ALSO HAD THIS PROBLEM WITH MY GARMAN 45 IN THE COLD. I USUALLY LEAVE MY TRACKER IN THE CAR, BUT WHEN IT FIRST GOT COLD SAT LOCK WAS IMPOSSIBLE UNLESS I WARMED THE UNIT UP. NOW I JUST TAKE THE GPS INSIDE AND IT WILL AQUIRE IN JUST A FEW MINUTES.

IS THIS WHAT THEY REFER TO AS A COLD START?? HI HI

73 AND A HAPPY HOLIDAY TO ALL

de N30BQ ROBERT MARLEY
N30BP SHERI MARLEY

From CHEAD@CESADM.CORP.ti.com Fri Dec 20 21:13:23 1996
Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA08994 for <aprssig@tapr.org>; Fri, 20 Dec 1996 21:13:21 -0600 (CST)
From: CHEAD@CESADM.CORP.ti.com
Received: from robin.itg.ti.com ([172.25.2.75]) by dragon.ti.com (8.6.13) with ESMTP id VAA04630 for <aprssig@tapr.org>; Fri, 20 Dec 1996 21:12:50 -0600
Received: from cesadm.corp.ti.com (cesadm.corp.ti.com [128.247.153.56]) by robin.itg.ti.com (8.7.3/8.6.11) with SMTP id VAA02731 for <aprssig@tapr.org>; Fri, 20 Dec 1996 21:12:18 -0600 (CST)
Date: Fri, 20 Dec 1996 21:12:15 -0600 (CST)
To: aprssig@tapr.org
CC: CHEAD@CESADM.CORP.ti.com
Message-Id: <961220211215.2c0055a9@CESADM.CORP.TI.COM>
Subject: USR Modem upgrade

This is not exactly aprs business, but is close. Would hate for anyone to miss a free upgrade because they did not know about it.

US Robotics is offering a free upgrade of many of their modem products to the new 56KB capability, but only if the request is made by 12/31/96. Check their Web page at:

<http://www.usr.com>

Merry Christmas, all.

73 Claude Head
K5DTN
chead@cesadm.corp.ti.com

From amirault@laraby.tiac.net Fri Dec 20 21:43:30 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA10233 for <aprssig@tapr.org>; Fri, 20 Dec 1996 21:43:28 -0600 (CST)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.2/8.6.6.Beta9) id

WAA23815; Fri, 20 Dec 1996 22:45:28 -0500 (EST)
Date: Fri, 20 Dec 1996 22:45:28 -0500 (EST)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7513] Re: Cold GPS45
In-Reply-To: <9611208511.AA851104807@CCGATE.HAC.COM>
Message-ID: <Pine.BSF.3.91.961220224322.23595A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Dec 1996 ttyamada@CCGATE.HAC.COM wrote:

>
> Might it be the battery voltage?
> What does the battery bar graph look like when it's failing?

I didn't post the original question..(GPS shutdown in cold weather)...
but I thought I'd mention that not all Garmin 45s are the same. Mine does
not show the battery bar graph when running on external power.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From ke6nyt@fishnet.net Fri Dec 20 21:50:51 1996
Received: from big.fishnet.net (root@big.fishnet.net [205.216.133.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA10629 for <aprssig@tapr.org>; Fri, 20 Dec 1996
21:50:49 -0600 (CST)
Received: from Pke6nyt.fishnet.net (port058.vta.fishnet.net [205.216.133.207]) by
big.fishnet.net (8.7.5/8.6.9) with SMTP id TAA28252 for <aprssig@tapr.org>; Fri,
20 Dec 1996 19:57:49 -0800
Date: Fri, 20 Dec 1996 19:57:49 -0800
Message-Id: <199612210357.TAA28252@big.fishnet.net>
X-Sender: ke6nyt@fishnet.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ke6nyt@fishnet.net (Dan Dicke)
Subject: Re: [APRSSIG:7498] Cold GPS45

I have a 45XL and it worked fine at 7 degrees at 9000 ft in Utah deer
hunting Oct 20. It worked better than my Icom ICZ1A. It had a hard time.
Once I put it in my jacket for a couple of minutes it worked great also.
You may want to check your batteries. The cold can trash batteries in a
heartbeat...I have seen on this net that people with the old 45 would keep
getting reset even on external power if the internal batteries were no good.
The 45XL will run on external power without having batteries in. However,
so that you don't loose what you got, it is a good idea to have the
batteries inside incase your external power dies.

Just a thought.

Dan
KE6NYT

>Well, the temperature has dipped in the teens and lower 20's for the last
>couple of days here in Middle Tennessee. I have noticed that my GPS45 I left
>running with my tracker in the car has turned itself off. I will start it up
>again but after about 10 minutes it turns itself off again for lack of a
>satellite fix. If I put the GPS45 where hot air can blow in it it will
finally
>lock on and start working again. The owners manual states that the operating
>temperature range is down to 5 deg. F. We have not got there yet. Has anybody
>else seen this phenomenon? Do I have a defective unit?

>

>Bruce

>

>

>--

>*****

>* Bruce W. Martin Internet: martinbw@telalink.net *

>* 4558 Brooke Valley Dr. HAM Call: KQ4TV *

>* Hermitage TN 37076-2650 Voice: (615) 872-7733 *

>* FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W *

>* "Being a Mac user is like being a Navy SEAL: a small, elite *

>* group of people with access to the most sophisticated *

>* technology in the world, who everyone calls on to get the *

>* really tough jobs done quickly and efficiently." *

>* -- Nick Lehmann *

>*****

>

>

From wa8inz@concentric.net Fri Dec 20 22:33:31 1996

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA12430 for <aprssig@tapr.org>; Fri, 20 Dec 1996
22:33:30 -0600 (CST)

Received: from wa8inz (61037d0014at.concentric.net [206.173.85.170])

by cliff.cris.com (8.8.3/(96/11/08 1.11))

id XAA14265; Fri, 20 Dec 1996 23:33:28 -0500 (EST)

[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Message-ID: <32BB6895.5EF1@concentric.net>

Date: Fri, 20 Dec 1996 22:33:25 -0600

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7542] USR Modem upgrade

References: <961220211215.2c0055a9@CESADM.CORP.TI.COM>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

CHEAD@cesadm.corp.ti.com wrote:

>
> This is not exactly aprs business, but is close. Would hate for anyone to miss
> a free upgrade because they did not know about it.
>
> US Robotics is offering a free upgrade of many of their modem products to the
> new 56KB capability, but only if the request is made by 12/31/96. Check their
> Web page at:
>
> <http://www.usr.com>
>
> Merry Christmas, all.
>
> 73 Claude Head
> K5DTN
> chead@cesadm.corp.ti.com

You are partly (but not very) correct. You did not mention that it's only for the sporster modem (No others), like my Courier 28,8 dual standard.

Merry Christmas and a Happy New Year to all.

From leeb@islc.net Fri Dec 20 22:36:11 1996
Received: from server.islc.net (root@[207.53.107.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA12568 for <aprssig@tapr.org>; Fri, 20 Dec 1996
22:36:09 -0600 (CST)
Received: from leeb (p51.islc.net [207.53.107.51]) by server.islc.net
(8.8.3/8.7.3) with ESMTP id XAA13482 for <aprssig@tapr.org>; Fri, 20 Dec 1996
23:26:05 -0500 (EST)
Message-Id: <199612210426.XAA13482@server.islc.net>
From: "L.S.Bradley" <leeb@islc.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7498] Cold GPS45
Date: Sat, 21 Dec 1996 04:27:39 -0000
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Bruce W. Martin <martinbw@telalink.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7498] Cold GPS45
> Date: 20 December, 1996 6:24 AM
>
> Well, the temperature has dipped in the teens and lower 20's for the last

> couple of days here in Middle Tennessee. I have noticed that my GPS45 I
left

> running with my tracker in the car has turned itself off. I will start it
up
> again but after about 10 minutes it turns itself off again for lack of a
> satellite fix. If I put the GPS45 where hot air can blow in it it will
finally
> lock on and start working again. The owners manual states that the
operating
> temperature range is down to 5 deg. F. We have not got there yet. Has
anybody
> else seen this phenomenon? Do I have a defective unit?
>
> Bruce
>

Have you tried turning the display illumination on when you first turn it
on??? I have noticed that the GPS-45 gets warm when I have been underway at
night. Maybe you check and see if that little bit of heat will settle the
thing down.

Lee W1WXS EM92pj
sv/FUNDY
leeb@islc.net

From wa8inz@concentric.net Fri Dec 20 22:52:35 1996
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA13499 for <aprssig@tapr.org>; Fri, 20 Dec 1996
22:52:33 -0600 (CST)
Received: from wa8inz (61037d0014at.concentric.net [206.173.85.170])
by cliff.cris.com (8.8.3/(96/11/08 1.11))
id XAA21690; Fri, 20 Dec 1996 23:52:30 -0500 (EST)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Message-ID: <32BB6D0B.607F@concentric.net>
Date: Fri, 20 Dec 1996 22:52:27 -0600
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7542] USR Modem upgrade
References: <961220211215.2c0055a9@CESADM.CORP.TI.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CHEAD@cesadm.corp.ti.com wrote:

>
> US Robotics is offering a free upgrade of many of their modem products to the
> new 56KB capability, but only if the request is made by 12/31/96. Check their
> Web page at:
>
> <http://www.usr.com>

>
> Merry Christmas, all.
>
> 73 Claude Head
> K5DTN
> chead@cesadm.corp.ti.com Again I let my fingers do the answering before fully
investigating what Claude was
saying in his message. I spend a little more time checking into this and it does
in
fact cover several other models, but only those purchased within the last year or
so i believe. Sorry Claude.

From rsellers@rockford.com Fri Dec 20 23:14:32 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id XAA14619 for <aprssig@tapr.org>; Fri, 20 Dec 1996 23:14:26 -0600 (CST)
X-ROUTED: Fri, 20 Dec 1996 23:14:46 -0500
Received: from rsellers [206.230.91.31] by rockford.com with smtp
id BHA0BCCM ; Fri, 20 Dec 1996 23:14:18 -0500
Message-Id: <3.0.32.19961220231145.006bb4e8@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Fri, 20 Dec 1996 23:11:47 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7545] Re: USR Modem upgrade
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:59 PM 12/20/96 -0500, you wrote:

>
> CHEAD@cesadm.corp.ti.com wrote:
>> This is not exactly aprs business, but is close. Would hate for anyone
to >> miss a free upgrade because they did not know about it.
>>
>> US Robotics is offering a free upgrade of many of their modem products
to >> the new 56KB capability, but only if the request is made by 12/31/96.
Check >> their Web page at:
>>
>> <http://www.usr.com>
>>
>> Merry Christmas, all.
>>
>> 73 Claude Head
>> K5DTN
>> chead@cesadm.corp.ti.com
>
> You are partly (but not very) correct. You did not mention that it's only
for the
> sporster modem (No others), like my Courier 28,8 dual standard.
>
> Merry Christmas and a Happy New Year to all.
>
>

No, I did see a section for courier purchased before Dec 31, 1996. Check it out.

Roger Sellers KB9LBU
email: Home rsellers@rockford.com
KB9LBU@juno.com
Work rsellers@snds.com

From rkramer@merge1.mergetel.com Sat Dec 21 00:06:08 1996
Received: from mergetel.com (root@merge1.mergetel.com [207.107.54.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA21246 for <aprssig@tapr.org>; Sat, 21 Dec 1996 00:06:05 -0600 (CST)
Received: from slip27.mergetel.com by mergetel.com (SMI-8.6/SMI-SVR4) id BAA29001; Sat, 21 Dec 1996 01:06:40 -0500
From: rkramer@merge1.mergetel.com (Ron Kramer)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7547] Re: USR Modem upgrade
Date: Sat, 21 Dec 1996 06:07:38 GMT
Message-ID: <32bc7e12.372573104@mail.mergetel.com>
References: <32BB6D0B.607F@concentric.net>
In-Reply-To: <32BB6D0B.607F@concentric.net>
X-Mailer: Forte Agent .99g/32.339
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Fri, 20 Dec 1996 22:56:20 -0600 (CST), you wrote:

> I let my fingers do the answering before fully investigating what =
Claude was=20
>saying in his message. I spend a little more time checking into this and=
it does in=20
>fact cover several other models, but only those purchased within the =
last year or=20
>so i believe. Sorry Claude.
>

The Courier V.Everthing and the Courier I-modem=20
only state By 12/31/96 which indicates to me if purchased
anytime before 12/31/96
The others state between two dates...

73 de Ron Best Regards
Email: rkramer@mergetel.com ve3mx@mergetel.com
Packet: ve3mx@ve3snp

From wa8inz@concentric.net Sat Dec 21 00:17:13 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA21441 for <aprssig@tapr.org>; Sat, 21 Dec 1996 00:17:11 -0600 (CST)
Received: from LOCALNAME (61037d0023at.concentric.net [206.173.85.179]) by newman.cris.com (8.8.3/(96/11/08 1.11))

id BAA23987; Sat, 21 Dec 1996 01:17:09 -0500 (EST)

[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Message-ID: <32BB9D02.6DAF@concentric.net>

Date: Sat, 21 Dec 1996 00:17:06 -0800

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7548] Re: USR Modem upgrade

References: <3.0.32.19961220231145.006bb4e8@rockford.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Roger Sellers wrote:

>

>

> No, I did see a section for courier purchased before Dec 31, 1996. Check it
> out.

>

> Roger Sellers KB9LBU

> email: Home rsellers@rockford.com

> KB9LBU@juno.com

> Work rsellers@snds.com

Yes in fact Claude and yourself are right, i noticed this after going deeper into the webpage at their site. This would apply to my Courier dual standard then also. That's a great deal and I already applied for it, won't be available till the first quarter of 97 though. Thanks to you and Claude i won't miss out on this one. By the way did my messages get screwed up, i send them from my new laptop and when i seen them they didn't look right although i was using the same mailer.

--

\\\\\\\\

(0 0)

--o0-()-0o--

wa8inz@amsat.org

wa8inz@cris.com

From steves68@mindspring.com Sat Dec 21 00:22:17 1996

Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA21812 for <aprssig@tapr.org>; Sat, 21 Dec 1996 00:22:16 -0600 (CST)

Received: from sps43068.nando.net (user-37kb9fj.dialup.mindspring.com [207.69.165.243]) by mule1.mindspring.com (8.8.2/8.7.3) with SMTP id GAA31540 for <aprssig@tapr.org>; Sat, 21 Dec 1996 06:22:14 GMT

Message-ID: <32BB8215.2AFF@mindspring.com>

Date: Sat, 21 Dec 1996 01:22:13 -0500

From: Steven Stark <steves68@mindspring.com>

Reply-To: steves68@mindspring.com

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0
To: APRSSIG <aprssig@tapr.org>
Subject: APRS 7.7e Dos and Windows 95
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am running APRS 7.7e for dos under Win 95. Whenever I have it minimized, the program seems to suspend any activity until I maximize again. I have played with the properties and can't seem to get it right. Any Hints would be appreciated.

73

--

X-Signature: AKA

Steve Stark/N4Y0G (steves68@mindspring.com)

..

From fhickey@neosoft.com Sat Dec 21 01:23:51 1996
Received: from mailbox.neosoft.com (mailbox.neosoft.com [206.109.1.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA27353 for <aprssig@tapr.org>; Sat, 21 Dec 1996 01:23:50 -0600 (CST)
Received: from fhickey.neosoft.com (winnie-ppp-port-49.neosoft.com [206.109.10.98]) by mailbox.neosoft.com (8.8.4/8.8.3) with SMTP id BAA22552 for <aprssig@tapr.org>; Sat, 21 Dec 1996 01:23:47 -0600 (CST)
Message-ID: <32BB90F2.6067@neosoft.com>
Date: Sat, 21 Dec 1996 01:25:38 -0600
From: Anthony Hickey <fhickey@neosoft.com>
Reply-To: fhickey@neosoft.com
X-Mailer: Mozilla 3.0Gold (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: APRS 7.7e Dos and Windows 95
References: <32BB8215.2AFF@mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Stark wrote:

>

> I am running APRS 7.7e for dos under Win 95. Whenever I have it
> minimized, the program seems to suspend any activity until I maximize
> again. I have played with the properties and can't seem to get it right.
> Any Hints would be appreciated.

I have discovered that it will work fine in a window as long as you have the box under properties "always suspend" unchecked. You can switch between a window and a full screen with the alt-enter keystroke. I push F-10 for windoz and then alt-enter. Win 95 has since *learned* to switch to a window by just pushing F-10, and bounce back to full screen with the space bar. Everything seems to work normally, if you are not running any processor demanding programs. a utility I have says it takes about 85% processor time when nothing else is running, and about 15% in the background. When I try to minimize it pauses and nothing is processed (I get hours missing in my H-list and everything is grayed

Subject: Mery Xmas from the Sproul Bros
Message-ID: <CMM-RU.1.5.851179864.ksproul@hardees.rutgers.edu>

Mery Christmas from the Sproul Brothers...

A Ham's Night Before Christmas

Twas the night before Christmas,
And all through two-meters,
Not a signal was keying up
Any repeaters.

The antennas reached up
From the tower, quite high,
To catch the weak signals
That bounced from the sky.

The children, Tech-Pluses,
Took their HT's to bed,
And dreamed of the day
They'd be Extras, instead.

Mom put on her headphones,
I plugged in the key,
And we tuned 40 meters
For that rare ZK3.

When the meter was pegged
by a signal with power.
It smoked a small diode,
and, I swear, shook the tower.

Mom yanked off her phones,
And with all she could muster
Logged a spot of the signal
On the DX PacketCluster,

While I ran to the window
And peered up at the sky,
To see what could generate
RF that high.

It was way in the distance,
But the moon made it gleam -
A flying sleigh, with an
Eight element beam,

And a little old driver
who looked slightly mean.

So I thought for a moment,
That it might be Wayne Green.

But no, it was Santa
The Santa of Hams.
On a mission, this Christmas
To clean up the bands.

He circled the tower,
Then stopped in his track,
And he slid down the coax
Right into the shack.

While Mom and I hid
Behind stacks of CQ,
This Santa of hamming
Knew just what to do.

He cleared off the shack desk
Of paper and parts,
And filled out all my late QSLs
For a start.

He ran copper braid,
Took a steel rod and pounded
It into the earth, till
The station was grounded.

He tightened loose fittings,
Resoldered connections,
Cranked down modulation,
Installed lightning protection.

He neutralized tubes
In my linear amp...
(Never worked right before --
Now it works like a champ).

A new, low-pass filter
Cleaned up the TV,
He corrected the settings
In my TNC.

He repaired the computer
That would not compute,
And he backed up the hard drive
And got it to boot.

Then, he reached really deep
In the bag that he brought,
And he pulled out a big box,
"A new rig?" I thought!

"A new Kenwood? An Icom?
A Yaesu, for me?!"
(If he thought I'd been bad
it might be QRP!)

Yes! The Ultimate Station!
How could I deserve this?
Could it be all those hours
that I worked Public Service?

He hooked it all up
And in record time, quickly
Worked 100 countries,
All down on 160.

I should have been happy,
It was my call he sent,
But the cards and the postage
Will cost two month's rent!

He made final adjustments,
And left a card by the key:
"To Gary, from Santa Claus.
Seventy-Three."

Then he grabbed his HT,
Looked me straight in the eye,
Punched a code on the pad,
And was gone - no good bye.

I ran back to the station,
And the pile-up was big,
But a card from St. Nick
Would be worth my new rig.

Oh, too late, for his final
came over the air.
It was copied all over.
It was heard everywhere.

The Ham's Santa exclaimed
What a ham might expect,
"Merry Christmas to all,
And to all, good DX."

(C) 1996 Gary Pearce KN4AQ

Keith Sproul
Student Housing Network Coordinator
Rutgers University Computing Services
<http://www-ns.rutgers.edu/~ksproul/>

Ham Radio: WU2Z
ksproul@noc.rutgers.edu
908 445-3695 Work 908 445-2968 Fax
908 821-4828 Home

From eac@shore.net Sat Dec 21 09:49:46 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA17308 for <Aprssig@Tapr.Org>; Sat, 21 Dec 1996 09:49:44 -0600 (CST)
Received: from northshore.shore.net (root@shell11.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id KAA21459; Sat, 21 Dec 1996 10:49:42 -0500 (EST)
Received: from pm2-83 (pm2-83.lynnma.shore.net [204.167.109.83]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id KAA01225; Sat, 21 Dec 1996 10:49:41 -0500 (EST)
MIME-Version: 1.0
Date: Sat, 21 Dec 1996 10:59:24 -0400
To: jratchf@bulldog.afsc.k12.ar.us
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7485] Manual WX Entries
Message-Id: <851183964-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <851183964-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

If there is a timeout I would suggest slightly over a hour. After all the surface observations done by the Pros are generally done once an hour and I do not hear many complaints about that.

73 Eric eac@shore.net WB1HBU

From bruninga@nadn.navy.mil Sat Dec 21 10:18:41 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA18448 for <aprssig@tapr.org>; Sat, 21 Dec 1996 10:18:40 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id LAA21527 for <aprssig@tapr.org>; Sat, 21 Dec 1996 11:23:59 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 21 Dec 1996 11:23:59 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7531] No GPS data from DFjr MPA
In-Reply-To: <19961220221812.AAA12602@tellison>
Message-ID: <Pine.GSO.3.95.961221112236.21366B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Dec 1996, Tommy Ellison wrote:

> I cannot get any GPS data strings from the DFjr MPA. I am using the

> Magellin Meridian/XL GPS set at the default 4800 baud....

APRSdos REPLY/COMMENT: I assume the GPS is getting a fix. My meridian will output NOTHING unless it is getting GOOD valid fixes... Makes testing a big pain, especially in the winter. For this reason alone, I don't buy magellan anymore... Maybe the XL fixed this...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Sat Dec 21 10:25:07 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA18639 for <aprssig@tapr.org>; Sat, 21 Dec 1996 10:25:06 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id LAA21610 for <aprssig@tapr.org>; Sat, 21 Dec 1996 11:30:25 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sat, 21 Dec 1996 11:30:24 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7532] HF APRS Questions
In-Reply-To: <v03007807aee0c5712404@[129.46.159.136]>
Message-ID: <Pine.GS0.3.95.961221112424.21366C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Dec 1996, Richard Parry wrote:

> I am trying to understand the benefits of having a personal HF APRS
> system. For example, if I have a local GATE, why would I want to have a
> my own HF APRS system?... since I can see everything on HF on my VHF
> setup.>

APRSdos REPLY/COMMENT: Good question. Here are some thoughts.

1) But you being on VHF and not able to see/hear/evaluate the HF congestion on 10 MHz, you are strongly discouraged from sending any routine packets back through the gate. In other words, on VHF, you should consider yourself an HF receiver only..

2) You are only seeing packets sent via GATE,WIDE on HF. Experienced HF operators often leave off the added 14 characters for the GATE,WIDE because they know that it drastically shortens their packets and therefore improves the probability of a good packet. HF is most successful for packets shorter than about 40 bytes.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From n0lrf@amsat.org Sat Dec 21 10:59:18 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA20237 for <aprssig@tapr.org>; Sat, 21 Dec 1996 10:59:13 -0600 (CST)
Received: from pm6_06.computer-services.com (pm6_06.computer-services.com [206.101.232.153]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id KAA26428 for <aprssig@tapr.org>; Sat, 21 Dec 1996 10:59:18 -0600
Message-ID: <32BC3379.2367@amsat.org>
Date: Sat, 21 Dec 1996 10:59:05 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7555] Re: Manual WX Entries
References: <851183964-0-eac@shore.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Eric A. Cottrell wrote:

> If there is a timeout I would suggest slightly over a hour. After all the
> surface observations
> done by the Pros are generally done once an hour and I do not hear many
> complaints about
> that.

Now you have, Eric. With all due respect, I prefer real-time updates.
However, 10 to 15 minute ones are a bit more reasonable...

Happy Holidays 2 all and thanks for the Xmas story, Keith Sproul!

--

73, Paul, n0lrf@amsat.org

From lhousey@excel.net Sat Dec 21 12:07:13 1996
Received: from excel.net (root@excel.net [156.46.156.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA22888 for <aprssig@tapr.org>; Sat, 21 Dec 1996 12:07:12 -0600 (CST)
Received: from cosmo.excel.net (cosmo.excel.net [156.46.156.177]) by excel.net (8.6.12/8.6.12) with SMTP id MAA28920 for <aprssig@tapr.org>; Sat, 21 Dec 1996 12:07:23 -0600
Date: Sat, 21 Dec 1996 12:07:23 -0600
Message-Id: <1.5.4.16.19961221120514.3af79aa4@excel.net>
X-Sender: lhousey@excel.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Josh Housey <lhousey@excel.net>
Subject: Re: [APRSSIG:7536] Re: APRS on an 8088

At 06:52 PM 12/20/96 -0600, you wrote:

>There is a program called HGCIBM and it is installed 'hgcibm /e' where the
>/e is for 'emulate' I guess. It allows the Herculese Graphics adapter to
>behave as if it were a CGA, Color Graphics Adapter. It should work
>nicely with APRS. 73,

>

>

>John W. Wilson, KN4HX

>z004391b@bcfreenet.seflin.lib.fl.us

>

>

>

>

Hello John. Where on the internet can you find this??? Also, will it totally
work with APRS and the maps with it too???

Thanks for your response.

73

Josh, KG9BO

Josh, Lee, Linda, Steve, Travis, and Tim Housey

lhousey@excel.net

Sheboygan, Wisconsin

Amateur Radio: Josh, KG9BO es Lee, N9YLS

Packet: KG9BO@N9GHE.#MTW.WI.USA.NA

Packet: N9YLS@N9GHE.#MTW.WI.USA.NA

Lattitude: 43' 45" N

Longitude: 87' 43" W

From eac@shore.net Sat Dec 21 12:12:51 1996

Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA23018 for <Aprssig@Tapr.Org>; Sat, 21
Dec 1996 12:12:49 -0600 (CST)

Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id NAA07793; Sat, 21 Dec 1996 13:12:49
-0500 (EST)

Received: from pm2-80 (pm2-80.lynnma.shore.net [204.167.109.80]) by
northshore.shore.net (8.8.3/8.8.3) with SMTP id NAA25153; Sat, 21 Dec 1996
13:12:47 -0500 (EST)

MIME-Version: 1.0

Date: Sat, 21 Dec 1996 13:22:30 -0400

To: amirault@laraby.tiac.net

cc: Aprssig@tapr.org

From: "Eric A. Cottrell" <eac@shore.net>

Subject: Re: [APRSSIG:7543] Re: Cold GPS45

Message-Id: <851192550-0-eac@shore.net>

X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes

Content-Type: text/plain; charset=ISO-8859-1

Content-Id: <851192550-1-eac@shore.net>

Content-Transfer-Encoding: 8bit

Hello,

There was a change in the firmware on the GPS45 that eliminated the

battery meter display when on External Power.

73 Eric eac@shore.net WB1HBU

From wa8inz@concentric.net Sat Dec 21 12:25:05 1996

Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA23744 for <aprssig@tapr.org>; Sat, 21 Dec 1996 12:25:04 -0600 (CST)

Received: from LOCALNAME (61037d0007at.concentric.net [206.173.85.163]) by newman.cris.com (8.8.3/(96/11/08 1.11)) id NAA17363; Sat, 21 Dec 1996 13:25:01 -0500 (EST)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Message-ID: <32BC479B.7976@concentric.net>

Date: Sat, 21 Dec 1996 12:24:59 -0800

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: Funny Virus Warning

References: <3.0.32.199612211111336.00697378@mail.hiwaay.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

> Note: this warning has been created in response to the proliferation
> of warnings about the fictions Good times virus. Feel free to post.

>

> -----

> Date: 12/19/96 2:28 PM

> From: Robert Crull

> Here's a really dangerous one!

>

> Beware!!!

>

> If you've ever received a note warning you of a GOOD TIMES computer
> virus, now you have a response--pretty funny one, too.

>

> READ THIS:

>

> Goodtimes will re-write your hard drive. Not only that, but it will
> scramble any disks that are even close to your computer. It will
> remove APRS from your system and at the same time turn all your ham
> radios into CB radios. It will also send a request to the FCC to
> cancel your ham license. If you own a digi it will go through a meltdown
> process and come back up operating on Chan 9 CB band.

> It will recalibrate your refrigerator's coolness setting so all your
> ice cream goes melty. It will demagnetize the strips on all your credit
> cards, screw up the tracking on your television and use subspace
> field harmonics to scratch any CD's you try to play.

>

> It will give your ex-girlfriend your new phone number. It will mix

```

> Kool-aid into your fishtank. It will drink all your beer and leave
> its socks out on the coffee table when there's company coming over.
> It will put a dead kitten in the back pocket of your good suit pants
> and hide your car keys when you are late for work.
>
> Goodtimes will make you fall in love with a penguin. It will give you
> nightmares about circus midgets. It will pour sugar in your gas tank
> and shave off both your eyebrows while dating your girlfriend behind
> your back and billing the dinner and hotel room to your Discover
> card.
>
> It will seduce your grandmother. It does not matter if she is dead,
> such is the power of Goodtimes, it reaches out beyond the grave to
> sully those things we hold most dear.
>
> It moves your car randomly around parking lots so you can't find it.
> It will kick your dog. It will leave libidinous messages on your
> boss's voice mail in your voice! It is insidious and subtle. It is
> dangerous and terrifying to behold. It is also a rather interesting
> shade of mauve.
>
> Goodtimes will give you Dutch Elm disease. It will leave the toilet
> seat up. It will make a batch of methamphetamine in your bathtub and
> then leave bacon cooking on the stove while it goes out to chase
> grade schoolers with your new snowblower.
>
> It will corrupt your television set
> so that it only receives "Brady Bunch" and "Gilligan's
> Island" repeats. It causes enough neural damage to make
> you actually like Barry Manilow songs. It gives your phone number to
> telephone solicitors and encourages them to call you everyday at
> dinner
> time. It drinks milk straight from the carton. It laughs at jokes
> that aren't funny. It will play the stereo very loud, when you're
> trying to sleep. It will cause the collapse
> of civilization as we know it, if it isn't stopped.
>
> (add your own. IT'S A REAL GOOD TIME!)
>

```

Sorry for the bandwidth but i thought it was pretty funny, specially after the ones that where posted here a while back.

--

```

\/////
(0 0)
*--o0-( )-0o--*
wa8inz@amsat.org
wa8inz@cris.com

```

From rhiii@mnsinc.com Sat Dec 21 12:27:23 1996

Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA23853 for <aprssig@tapr.org>; Sat, 21 Dec 1996

12:27:22 -0600 (CST)

Received: from news2.mnsinc.com (news2.mnsinc.com [206.55.3.16]) by mail1.mnsinc.com (8.8.3/8.7.3) with ESMTP id NAA03691 for <aprssig@tapr.org>; Sat, 21 Dec 1996 13:27:15 -0500 (EST)

Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by news2.mnsinc.com (8.8.3/8.7.3) with SMTP id NAA14144 for <aprssig@tapr.org>; Sat, 21 Dec 1996 13:27:13 -0500 (EST)

From: rhiii@mnsinc.com (Richard H.)

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7476] hf aprs

Date: Sat, 21 Dec 1996 18:27:00 GMT

Message-ID: <32bc22e5.27031828@relay.mnsinc.com>

References: <199612191739.JAA30975@dsp.net>

In-Reply-To: <199612191739.JAA30975@dsp.net>

X-Mailer: Forte Agent .99f/16.299

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

Oh boy !!! Are you ever going to get tons of email explaining how ssb works -- enjoy.

On Thu, 19 Dec 1996 11:43:31 -0600 (CST), you wrote:

>I have been running hf aprs off and on for 2 days now only=20
>monitoring and not broadcasting my position. I thought hf aprs was=20
>10149.50 khz lsb, but all the stations I hear are on 10151.46 khz=20
>lsb. Since this is outside of the 30 meter band I thought my icom 736=20
>was out of calibration, but I tuned my drake R 8 to receive the=20
>signals on the same frequency 10151.46 khz. Could someone explain to=20
>me what is happening. I can't imagine this many station being out of=20
>band so there must be a reason for this happening. 73
>Edward Lewis KQ6DX
>2959 Devon Way
>San Pablo, CA. 94806
>Packet KQ6DX@KJ6FY.#NOCA.CA.USA.NA
>Land Line 510-223-7156
>elewis@dsp.com
>
>

From sparkfel@primenet.com Sat Dec 21 15:28:11 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA00722 for <aprssig@tapr.org>; Sat, 21 Dec 1996 15:28:09 -0600 (CST)

Received: from ip-21-117.phx.primenet.com (ip-21-067.phx.primenet.com [206.165.21.67]) by primenet.com (8.8.3/8.8.3) with SMTP id OAA15100; Sat, 21 Dec 1996 14:28:04 -0700 (MST)

Date: Sat, 21 Dec 1996 14:28:04 -0700 (MST)

Message-Id: <1.5.4.16.19961221142808.0907d4f8@mailhost.primenet.com>

X-Sender: sparkfel@mailhost.primenet.com

X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Not buying Magellans

At 10:23 AM 12/21/96 -0600, Bob Bruninga wrote:

>On Fri, 20 Dec 1996, Tommy Ellison wrote:

>

>> I cannot get any GPS data strings from the DFjr MPA. I am using the

>> Magellin Meridian/XL GPS set at the default 4800 baud....

>

>APRSDos REPLY/COMMENT: I assume the GPS is getting a fix. My meridian

>will output NOTHING unless it is getting GOOD valid fixes... Makes

>testing a big pain, especially in the winter. For this reason alone, I

>dont buy magellan anymore... Maybe the XL fixed this...

>

The Magellan XL and Meridian XL both have a "simulator" mode that allows one to test if your system is working properly. So you can once again buy Magellan products.

73,

Mark Fellhauer
KC7BXS

From kauten@atl.mindspring.com Sat Dec 21 15:34:14 1996

Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA01112 for <aprssig@tapr.org>; Sat, 21 Dec 1996 15:34:13 -0600 (CST)

Received: from Default (user-168-121-27-107.dialup.mindspring.com [168.121.27.107]) by mule1.mindspring.com (8.8.2/8.7.3) with SMTP id VAA12278 for <aprssig@tapr.org>; Sat, 21 Dec 1996 21:34:09 GMT

Message-Id: <1.5.4.32.19961221213355.00c04418@pop.atl.mindspring.com>

X-Sender: kauten@pop.atl.mindspring.com

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sat, 21 Dec 1996 16:33:55 -0500

To: aprssig@tapr.org

From: "James R. Kauten, MD" <kauten@atl.mindspring.com>

Subject: Re: [APRSSIG:7554] Mery Xmas from the Sproul Bros

Keith,

Excellent poem. I have been referred to you by Mark regarding the changing of my WinAPRS registration to my new call sign.

Old Call sign: K04RQ

New Call sign: W4TE

Please let me know what I need to do to change the registration.

73,
Jim Kauten, MD, W4TE

=====

James R. Kauten, M.D., W4TE ex K04RQ (kauten@mindspring.com)

=====

Phone: (404) 355-9537 (Fax) (404) 355-9515 (Daytime)
Address: James R. Kauten, M.D., 95 Collier Road, Suite 2055
Atlanta, GA, 30305-1955

=====

From ku0g@sprynet.com Sun Dec 22 09:12:32 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA13814 for <aprssig@tapr.org>; Sun, 22 Dec 1996
09:12:30 -0600 (CST)
Received: from JIMDUNCA (ts2-p59.wwi.net [204.153.64.160]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id HAA12137 for <aprssig@tapr.org>; Sun, 22 Dec 1996
07:12:28 -0800
Date: Sun, 22 Dec 1996 07:12:28 -0800
Message-Id: <199612221512.HAA12137@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: The 12 Days....

On the first day of Christmas my Elmer gave to me.....

A long wire in a tall tree...

Joyeux Noel!
KU0G

P.S. More to come....

From bbliss@juno.com Sun Dec 22 10:01:58 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA16119 for <aprssig@tapr.org>; Sun, 22
Dec 1996 10:01:56 -0600 (CST)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id LkY28839; Sun, 22 Dec 1996 11:01:08 EST
To: aprssig@tapr.org
Cc: wb4apr@amsat.org
Subject: W3ADO QRP Heard
Message-ID: <19961222.080027.2287.0.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-25
From: bbliss@juno.com (William B. Bliss)
Date: Sun, 22 Dec 1996 11:01:08 EST

Hi all SIGers,

This Sunday morning @ 221537GMT copied W3ADO
on the APRS BCN text line , out here in CA.

"BCN: W3ADO TESTING 4W MFJ QRP RIG"

Did not print his call/symbol on the map at his
location, but was heard and text line seen.

So qrp rigs work if conditions, propgation just
right. Maybee if he digie's thru couple stronger
station, like W7LUS, more could hear/copy him.
Also printed out on my beacon log page, but not on
the Position Log page..

Good work Bob !!! Break the rules and put couple
HF digi stations in your unproto path.. Hi..
Give us a complete run down on your QRP rig.

MERRY XMAS & HAPPY NEW YEAR . TO ALL

73'S & Enjoy, Bill/WB6LPG

NNNN

.

From pmann@juno.com Sun Dec 22 11:50:24 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA21129 for <aprssig@tapr.org>; Sun, 22
Dec 1996 11:50:22 -0600 (CST)
Received: (from pmann@juno.com) by x4.boston.juno.com (queuemail)
id MZV23202; Sun, 22 Dec 1996 12:48:24 EST
To: aprssig@tapr.org
Subject: Re: 6.6 NO TRANSMIT?
Message-ID: <19961222.023305.7327.1.PMANN@juno.com>
References: <Pine.GS0.3.95.961122095703.14340A-100000@arctic>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 2-8
From: pmann@juno.com (PETER J MANN)
Date: Sun, 22 Dec 1996 12:48:24 EST

N5WRD, Jim has a problem...Loaded 6.6 APRS into 486 66 machine. Can hear
great but can NOT transmit! Same KAM TNC using SAME port with Pro-Comm
works packet on the SAME radio no problem! Any one else had this happen?

HAVE A GREAT DAY!

73

Pete

Best of the holiday greeting to all.

From u1003267@host Sun Dec 22 13:17:26 1996
Received: from host (host.warwick.net [204.255.24.254]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id NAA24685 for <aprssig@tapr.org>; Sun, 22 Dec 1996 13:17:24 -0600 (CST)
From: u1003267@host
Received: from w264-04.warwick.net by host; (5.65v3.0/1.1.8.2/14Nov95-0310PM) id AA27163; Sun, 22 Dec 1996 14:18:50 -0500
Message-Id: <9612221918.AA27163@host>
Comments: Authenticated sender is <u1003267@host.warwick.net>
To: aprssig@tapr.org, aprssig@tapr.org
Date: Sun, 22 Dec 1996 14:15:44 +0000
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT
Subject: Re: [APRSSIG:7398] Re: Any NE New Jersey APRS on VHF?
Priority: normal
X-Mailer: Pegasus Mail for Win32 (v2.42a)

I'm new to APRS - still trying to figure out how to get the signals I hear on my 2m rig and see on my PK232-MBX with the AEA software in use to become icons on the WinAPRS map of NJ or for that matter any map, but as soon as I do I plan on putting in 2 mobile (mine & wife's) as well as two weather/fixed stations that can be used as "digipeaters" if there is such a thing on APRS - I plan on putting the fixed stations in Hewitt NJ (Near Waywayanda State Park/Greenwood Lake) in Passaic County on the Warwick NY border and the other at the Military Ocean Terminal in Bayonne NJ on one of my radio towers (In shadows of NYC and Newark on NY Harbor).

Hopefully this will help the "network" in Northern NJ.

If ANYONE can help me getting these things setup - or just get me started - I need and appreciate the help.

I can be reached at jpcirone@warwick.net or at cironej@bayonne-emh3.army.mil

> Date: Tue, 17 Dec 1996 19:47:57 -0600 (CST)
> Reply-to: aprssig@tapr.org
> From: "Richard F. Garcia" <n2czf@magg.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7398] Re: Any NE New Jersey APRS on VHF?

>
> Another thing to consider is that I am speaking about APRS mobile, it is
> quite a different story from a home station. Take a drive APRS mobile
> anywhere other than in the shadow of NYC or SNJ region and you will find a
> lot of nothing on 145.79. WA4JNF-4 covers some parts of NNJ well but not
> that well. Unless N2MH-15 has changed in the past year he can be seen on
> occasions in some parts but had little to no coverage into Passaic County.

>
>
> SNIP-----
> > From: Boyd Prestwood <w2hob@mosquito.com>
> > Then someone ought to inform those multitudes just how to beacon. Down

> here
> > in SNJ, we only see WU2Z, KB2ICI, KB4CYC and not much else guys. I'm told
> > that there's an N2MH-15 as a WIDE digi on West Orange... never see him...
> >
> > Whatever happened to Mark Lehman, W02J... never see him anymore... he had
> > a
> > Wx Station, Gateway, and QTH all showing at one time... key station too
> > into NY.
> >
> >
> > Have fun es 73 de Boyd
> > w2hob@mosquito.com
> >
> >
> >
> >
> >

From jim.person@juno.com Sun Dec 22 13:25:04 1996
Received: from x8.boston.juno.com (x8.boston.juno.com [205.231.101.24]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA25119 for <aprssig@tapr.org>; Sun, 22
Dec 1996 13:25:02 -0600 (CST)
From: jim.person@juno.com
Received: (from jim.person@juno.com) by x8.boston.juno.com (queuemail)
id 0wU16450; Sun, 22 Dec 1996 14:24:53 EST
To: aprssig@tapr.org
Date: Sun, 22 Dec 1996 19:20:59 PST
Subject: Re: [APRSSIG:7565] The 12 Days....
Message-ID: <19961222.192059.9150.0.jim.person@juno.com>
References: <199612221512.HAA12137@m1.sprynet.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,3-14

Is the following what the sig is for?????????
73 de wd0gux - jim
On Sun, 22 Dec 1996 09:16:52 -0600 (CST) Jim Duncan <ku0g@sprynet.com>
writes:
>On the first day of Christmas my Elmer gave to me.....
>
>A long wire in a tall tree...
>
>
>Joyeux Noel!
>KU0G
>
>P.S. More to come....
>
>

From rboost@itexas.net Sun Dec 22 14:38:17 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA29018 for <aprssig@tapr.org>; Sun, 22
Dec 1996 14:38:15 -0600 (CST)
Received: from rboost.itexas.net ([207.22.198.47]) by mailhost.itexas.net

(post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA151
for <aprssig@tapr.org>; Sun, 22 Dec 1996 14:37:03 -0600
From: rbest@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7569] Re: The 12 Days....
Date: Sun, 22 Dec 1996 14:35:08 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1160
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19961222203702919.AAA151@rbest.itexas.net>

Geez! Lighten up! What's wrong with a little Ham humor during the Holidays?
Are you working on being the next Scrooge? :-)
Happy Holidays!

Roy Bost, N5TAM
Granbury, Tx.
rbest@itexas.net
32 25' 33"N 97 48' 59"W

From carlt@icanect.net Sun Dec 22 14:48:08 1996
Received: from foo.icanect.net (root@foo.icanect.net [208.202.14.72]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA29465 for <aprssig@tapr.org>; Sun, 22 Dec 1996
14:48:06 -0600 (CST)

Received: from carl (32.Pool11.Ascend03.MIA.Icanect.Net [206.142.161.224]) by
foo.icanect.net (8.8.4/8.7.5) with SMTP id PAA13230 for <aprssig@tapr.org>; Sun,
22 Dec 1996 15:48:03 -0500 (EST)
Message-Id: <199612222048.PAA13230@foo.icanect.net>
X-Sender: carlt@mail.icanect.net
X-Mailer: Windows Eudora Pro Version 2.1.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Dec 1996 15:47:46 -0500
To: aprssig@tapr.org
From: Carl Taylor <carlt@icanect.net>
Subject: Re: [APRSSIG:7569] Re: The 12 Days....

Loosen up!!! Life has to offer than being narrow!!!

At 01:29 PM 12/22/96 -0600, you wrote:
>Is the following what the sig is for?????????
>73 de wd0gux - jim
>On Sun, 22 Dec 1996 09:16:52 -0600 (CST) Jim Duncan <ku0g@sprynet.com>
>writes:
>>On the first day of Christmas my Elmer gave to me.....
>>
>>A long wire in a tall tree...
>>

>>
>>Joyeux Noel!
>>KU0G
>>
>>P.S. More to come....
>>
>>
>
>
>
--==Carl==--

From sdimse@bridge.net Sun Dec 22 15:08:14 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA00718 for <aprssig@tapr.org>; Sun, 22
Dec 1996 15:08:12 -0600 (CST)
Received: from [207.16.5.141] (ppp-mia4-141.bridge.net [207.16.5.141]) by
newworld.bridge.net (8.8.3/8.8.3) with SMTP id QAA03805 for <aprssig@tapr.org>;
Sun, 22 Dec 1996 16:08:07 -0500 (EST)
Message-Id: <199612222108.QAA03805@newworld.bridge.net>
Subject: Re: [APRSSIG:7569] Re: The 12 Days....
Date: Sun, 22 Dec 96 16:08:09 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>>P.S. More to come....

Please, if you are going to do it, not as 12 separate postings, OK?

Bah Humbug!

Steve K4HG

From bbliss@juno.com Sun Dec 22 15:28:41 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA01714 for <aprssig@tapr.org>; Sun, 22
Dec 1996 15:28:38 -0600 (CST)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id Q0E28839; Sun, 22 Dec 1996 16:28:07 EST
To: aprssig@tapr.org
Cc: wb4apr@amsat.org
Subject: ALT-B
Message-ID: <19961222.132815.9015.0.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-16
From: bbliss@juno.com (William B. Bliss)
Date: Sun, 22 Dec 1996 16:28:07 EST

Attn: SIGers...

APRSdos, Ver 77e, what happened to the ALT-B command
in HELP.TXT files ??????

ALT-B no longer brings up "Enter new Beacon Text..."
and looking in HELP.TXT , ALTERNAT KEYS, the
ALT B, is no longer included.

How does one change his Beacon text now ???
Please advise .. Thanks

Merry Xmas & Happy New Year.....

73's & Enjoy, Bill/WB6LPG

NNNN

From n0lrf@amsat.org Sun Dec 22 15:37:31 1996
Received: from arthur.computer-services.com (arthur.computer-services.com
[206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA02393 for
<aprssig@tapr.org>; Sun, 22 Dec 1996 15:37:30 -0600 (CST)
Received: from pm6_11.computer-services.com (pm6_11.computer-services.com
[206.101.232.158]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id
PAA08721 for <aprssig@tapr.org>; Sun, 22 Dec 1996 15:37:39 -0600
Message-ID: <32BDC3F5.72C2@amsat.org>
Date: Sun, 22 Dec 1996 15:27:49 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7569] Re: The 12 Days....
References: <19961222.192059.9150.0.jim.person@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

jim.person@juno.com wrote:

>

> Is the following what the sig is for?????????

> >On the first day of Christmas my Elmer gave to me.....

I certainly HOPE SO! It didn't make me mad and I
found it refreshing...tis the season.

Happy Holidays, jim.person and Jim Duncan!

--

73, Paul, n0lrf@amsat.org

From k3ft@erols.com Sun Dec 22 15:48:24 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA02850 for <aprssig@tapr.org>; Sun, 22

Dec 1996 15:48:20 -0600 (CST)
From: k3ft@erols.com
Received: from LOCALNAME (col-as5s23.erols.com [206.161.172.23]) by
smtp2.erols.com (8.7.5/8.7.3) with SMTP id PAA18224 for <aprssig@tapr.org>; Sun,
22 Dec 1996 15:59:55 -0500 (EST)
Message-ID: <32BDA0F0.9B3@erols.com>
Date: Sun, 22 Dec 1996 15:58:24 -0500
X-Mailer: Mozilla 2.01KIT (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7569] Re: The 12 Days....
References: <19961222.192059.9150.0.jim.person@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

jim.person@juno.com wrote:

>
> Is the following what the sig is for?????????
> 73 de wd0gux - jim

Let's lighten up and enjoy things! Sheesh! too much seriousness sucks all
the fun out of what we do as an avocation!

73

Chuck K3FT

> On Sun, 22 Dec 1996 09:16:52 -0600 (CST) Jim Duncan <ku0g@sprynet.com>
> writes:
> >On the first day of Christmas my Elmer gave to me.....
> >
> >A long wire in a tall tree...
> >
> >
> >Joyeux Noel!
> >KU0G
> >
> >P.S. More to come....
> >
> >

From joefoor@digitalexp.com Sun Dec 22 16:41:26 1996
Received: from mail.digitalexp.com (backup.digitalexp.com [204.49.137.17]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA05166 for <aprssig@tapr.org>; Sun, 22
Dec 1996 16:41:22 -0600 (CST)
Received: from joefoor ([204.49.137.50]) by mail.digitalexp.com
(post.office MTA v1.9.3b evaluation license) with SMTP id AAA76
for <aprssig@tapr.org>; Sun, 22 Dec 1996 16:42:36 -0600
Message-ID: <32BDB7DC.6FF1@digitalexp.com>
Date: Sun, 22 Dec 1996 16:36:12 -0600
From: joefoor@digitalexp.com (Foor, Joe)
Reply-To: joefoor@digitalexp.com
X-Mailer: Mozilla 3.01 (Win95; U)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7573] ALT-B
References: <19961222.132815.9015.0.bbliss@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William B. Bliss wrote:

> APRSdos, Ver 77e, what happened to the ALT-B command
> in HELP.TXT files ??????
>
> ALT-B no longer brings up "Enter new Beacon Text..."
> and looking in HELP.TXT , ALTERNAT KEYS, the
> ALT B, is no longer included.

I think the new command structure is <alt>(S)etup, (S)tatus

regards,
Joe

From n2czf@magg.net Sun Dec 22 16:50:23 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA05578 for <aprssig@tapr.org>; Sun, 22 Dec 1996 16:50:20 -0600 (CST)
Received: from default (wpb-147.magg.net [205.218.112.147]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id RAA25772; Sun, 22 Dec 1996 17:50:18 -0500
Message-Id: <199612222250.RAA25772@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Cc: <mramos@magg.net>
Subject: Need Help FAST! with Error Code (PC)
Date: Sun, 22 Dec 1996 17:43:35 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I know that this is way off topic but I need an answer FAST before I leave for the holidays. I am building up a old 486 for my Dad and wanted to give it to him as a gift before I leave tomorrow. I am getting 3 relatively long slow beeps equally spaced from each other as an error code when I boot up. I get no video at all to tell me what is wrong. I have removed every card one by one and still get the error code when I turn it on. Anyone have an idea as to what this code is ?

The reason I am rushing is that I was thinking to give him a taste of Internet for the holidays. I can set up the account right now with defaults and deal with the subscription issue over the phone once I leave. Not only that but he can be back on APRS while I am gone and possibly track me if I can find a GATE in range of NNJ.

Rich Garcia N2CZF
Jupiter Farms Florida
n2czf@magg.net
<http://www.magg.net/~n2czf/aprs.html>
<http://www.magg.net/~n2czf/index.html>

From martinbw@telalink.net Sun Dec 22 17:01:37 1996
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA06013 for <aprssig@tapr.org>; Sun, 22 Dec 1996
17:01:36 -0600 (CST)
Received: from oscar.telalink.net (nash-pm1-s18.telalink.net [205.241.232.51]) by
eve.telalink.net (Telalink-MTA/5.2n) with SMTP id RAA16907 for <aprssig@tapr.org>;
Sun, 22 Dec 1996 17:00:51 -0600 (CST)
X-Mailer: InterCon tcpCONNECT4 4.0.2 (Macintosh)
MIME-Version: 1.0
Message-Id: <9612221702.AA34778@oscar.telalink.net>
Date: Sun, 22 Dec 1996 17:02:34 -0600
From: "Bruce W. Martin" <martinbw@telalink.net>
To: aprssig@tapr.org
Subject: New Rule of SIG etiquette (was Re: The 12 Days....)
Content-Type: Text/Plain; charset=US-ASCII
Content-Disposition: Inline

Gee, the original posting did not upset me at all. Even the thought of eleven
more to follow didn't upset me. All the "RE:" are starting to get on my nerves
but then I have seen it so often on this SIG that I guess it is ok to do it.

New Rule of SIG etiquette:

If a message is off topic then everybody in the world should reply to the off
topic message on the SIG instead of by private e-mail. Lets be sure we
maximize the e-mail everybody gets.

```
> jim.person@juno.com wrote:
> > Is the following what the sig is for????????? 73 de wd0gux - jim
>
> Let's lighten up and enjoy things! Sheesh! too much seriousness sucks
> all the fun out of what we do as an avocation!
>
> 73
>
> Chuck K3FT
>
> > On Sun, 22 Dec 1996 09:16:52 -0600 (CST) Jim Duncan <ku0g@
> > sprynet.com> writes:
> > >On the first day of Christmas my Elmer gave to me.....
> > >
> > >A long wire in a tall tree...
> > >
> > >
> > >Joyeux Noel!
```

> > >KU0G
> > >
> > >P.S. More to come....
> > >
> > >
>
>
>

From kheyboer@pinegov.co.pinellas.fl.us Sun Dec 22 17:22:17 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA07223 for <aprssig@tapr.org>; Sun, 22 Dec 1996
17:22:15 -0600 (CST)
Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4)
id NAA28539; Sun, 22 Dec 1996 13:21:06 -0500
Message-ID: <32BDC32F.14DB@co.pinellas.fl.us>
Date: Sun, 22 Dec 1996 18:24:32 -0500
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Reply-To: kheyboer@pinegov.co.pinellas.fl.us
Organization: Pinellllas SKYWARN Coordinator
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7569] Re: The 12 Days....
References: <19961222.192059.9150.0.jim.person@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

jim.person@juno.com wrote:

>
> Is the following what the sig is for?????????
> 73 de wd0gux - jim
> On Sun, 22 Dec 1996 09:16:52 -0600 (CST) Jim Duncan <ku0g@sprynet.com>
> writes:
> >On the first day of Christmas my Elmer gave to me.....
> >
> >A long wire in a tall tree...
> >
> >
> >Joyeux Noel!
> >KU0G
> >
> >P.S. More to come....
> >
> >
Oh, go climb a tall tower MR SCROOGE
--

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From dayglo@radix.net Sun Dec 22 17:22:27 1996
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA07241 for <aprssig@tapr.org>; Sun, 22 Dec 1996 17:22:25 -0600 (CST)
Received: from saltmine.radix.net (dialin24.annex4.radix.net [204.157.139.48]) by news1.radix.net (8.8.3/8.8.3) with SMTP id SAA10867 for <aprssig@tapr.org>; Sun, 22 Dec 1996 18:24:27 -0500 (EST)
Message-Id: <2.2.32.19961222231342.007003f0@pop.radix.net>
X-Sender: dayglo@pop.radix.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Dec 1996 18:13:42 -0500
To: aprssig@tapr.org
From: Dayglo <dayglo@radix.net>
Subject: Re: [APRSSIG:7577] Need Help FAST! with Error Code (PC)

The reason why I am posting an answer to this question on the group is to make a point that you should include as much information as possible so that we can help you with your problem. You did not specify what manufacturer of your BIOS is.

Three beeps signifies:

AMI BIOS: RAM failure particularly due to the high RAM area on pin 20 of the microprocessor

IBM BIOS: 3270 keyboard card error

Unfortunately I have no data for any other BIOS manufacturers.

I would try removing the RAM chips one by one to see if you still get the error. I would also re-seat the processor especially if you have one of those ZIF sockets.

>I know that this is way off topic but I need an answer FAST before I leave
>for the holidays. I am building up a old 486 for my Dad and wanted to give
>it to him as a gift before I leave tomorrow. I am getting 3 relatively long
>slow beeps equally spaced from each other as an error code when I boot up.
>I get no video at all to tell me what is wrong. I have removed every card
>one by one and still get the error code when I turn it on. Anyone have an
>idea as to what this code is ?

From dayglo@radix.net Sun Dec 22 17:28:25 1996
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA07480 for <aprssig@tapr.org>; Sun, 22 Dec 1996 17:28:23 -0600 (CST)
Received: from saltmine.radix.net (dialin24.annex4.radix.net [204.157.139.48]) by news1.radix.net (8.8.3/8.8.3) with SMTP id SAA11122 for <aprssig@tapr.org>; Sun, 22 Dec 1996 18:30:25 -0500 (EST)
Message-Id: <2.2.32.19961222231940.007160ec@pop.radix.net>
X-Sender: dayglo@pop.radix.net

X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Dec 1996 18:19:40 -0500
To: aprssig@tapr.org
From: Dayglo <dayglo@radix.net>
Subject: APRS Wattage

What would be an adequate amount of power to transmit APRS on 2M? I am currently building an APRS system with the HPVFC (as soon as I receive it) from Agrelo Engineering. It will put out 800 milliwatts which I am assuming is not enough. Does anyone have any recommendations on amplifiers for the HPVFC?

From n0lrf@amsat.org Sun Dec 22 17:30:54 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA07633 for <aprssig@tapr.org>; Sun, 22 Dec 1996 17:30:52 -0600 (CST)
Received: from pm6_07.computer-services.com (pm6_07.computer-services.com [206.101.232.154]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id RAA09778 for <aprssig@tapr.org>; Sun, 22 Dec 1996 17:31:01 -0600
Message-ID: <32BDE082.51C1@amsat.org>
Date: Sun, 22 Dec 1996 17:29:38 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7577] Need Help FAST! with Error Code (PC)
References: <199612222250.RAA25772@grumpy.magg.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard F. Garcia wrote:

> I get no video at all to tell me what is wrong. I have removed every card
> one by one and still get the error code when I turn it on. Anyone have an
> idea as to what this code is ?

Try a <delete> during boot-up to see your CMOS settings?
Might see something screwy there?

Hope that's not a dumb suggestion, Richard, sorry if it is...
Happy Holidays &

73, Paul, n0lrf@amsat.org

From bruninga@nadm.navy.mil Sun Dec 22 17:40:00 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA08341 for <aprssig@tapr.org>; Sun, 22 Dec 1996 17:39:57 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id SAA07984 for <aprssig@tapr.org>; Sun, 22 Dec 1996 18:45:15 -0500 (EST)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Dec 1996 18:45:15 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS 40m HF discussion
In-Reply-To: <"RNGA-3137-5900*/O=ENVOY 100/ADMD=TELECOM.CANADA/C=CA/"@MHS>
Message-ID: <Pine.GS0.3.95.961222183115.7849B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We need to launch a serious 40 meter crusade for an APRS frequency. I believe this band is the best for local one-two day travel for reporting ones position back home during the day. 30 m I think is a little long and better for offshore boaters and further distance travelers. Although there will be differences between N.S.E and W due to local QRM from Canada, Mexico, S.America, etc, we are still best off with one freq. Although in the lnog run there is certainly nothing wrong with multiple freqs..

Notice how we carved out our own on 10.151 by shrewd thinknig. Can everyone apply their gray cells and come up with some magic on 40m? I do NOT know the band. I am not an HF person... What freqs are currently in use? Does anyone have a scanning rig and want to write a specturm analyzuer program to scan the band for a few nomths and build up some statistics? I will make a stab at this, but it will take me a while...

Since it will take years to get any satellite APRS channel, we may as well caarve out a solid position on HF for all our traveling needs. And besides its lonely to travel where there aint no digis...

By the way, someone did hear my QRP signal. See below:

On 21 Dec 1996 JOHN.LANGTRY@resonet.com wrote:

>
> Hi Bob !
>
> To confirm (okay, QSL) that I really did see you up here in Toronto,
> I offer the following from my backup file :
>
> 1,W3ADO 211304 @162322zTesting 4 w MFJ QRP rig
>
> and
>
> h,W3ADO , 9 1 1 , 999
>
> which is rather impressive when you re-call how band the band is,
> around the lunch time !
>
> Please keep us posted via the SIG with your progress; I'm thinking
> along the same lines, for a perminate Toronto APRS GATE, and free up
> my IC-775DSP and see if we can get some of the Eurpoean stations off

> their butts and onto 20M APRS.
>
> Until next time, vy 73 de John VE3NEC (john.langtry@resonet.com)
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From rsellers@rockford.com Sun Dec 22 17:49:55 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id RAA09098 for <aprssig@tapr.org>; Sun, 22 Dec 1996 17:49:53 -0600 (CST)
X-ROUTED: Sun, 22 Dec 1996 17:50:08 -0500
Received: from rsellers [206.230.91.24] by rockford.com with smtp
id BBDBCLAN ; Sun, 22 Dec 1996 17:49:42 -0500
Message-Id: <3.0.32.19961222174724.006bd764@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 22 Dec 1996 17:47:26 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7577] Need Help FAST! with Error Code (PC
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:11 PM 12/22/96 -0500, you wrote:

>
> I am getting 3 relatively long
> slow beeps equally spaced from each other as an error code when I boot up.
> I get no video at all to tell me what is wrong. I have removed every card
> one by one and still get the error code when I turn it on. Anyone have an
> idea as to what this code is ?
>

That sounds like a video card or memory problem. Check to see all cards
are seated correctly. Same for memory SIMM. If it's memory, you may have a
bad SIMM or be mixing parity and NON-Parity memory.

That's a quick down and dirty analysis. I hope I'm right.

73,

Roger Sellers KB9LBU
email: Home rsellers@rockford.com
KB9LBU@juno.com
Work rsellers@snds.com

From ku0g@sprynet.com Sun Dec 22 17:53:24 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA09390 for <aprssig@tapr.org>; Sun, 22 Dec 1996

17:53:23 -0600 (CST)
Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id PAA11911 for <aprssig@tapr.org>; Sun, 22 Dec 1996
15:53:20 -0800
Date: Sun, 22 Dec 1996 15:53:20 -0800
Message-Id: <199612222353.PAA11911@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7569] Re: The 12 Days....

At 13:28 12/22/96 -0600, you wrote:
>Is the following what the sig is for?????????
>73 de wd0gux - jim
>On Sun, 22 Dec 1996 09:16:52 -0600 (CST) Jim Duncan <ku0g@sprynet.com>
>writes:
>>On the first day of Christmas my Elmer gave to me.....
>>
>>A long wire in a tall tree...
>>
>>
>>Joyeux Noel!
>>KU0G
>>
>>P.S. More to come....
>>
>>

Oh SHUT UP! It's Christmas time, for Heaven's Sake....Lighten up and take
your "Bah Humbug" somewhere else!

I wave my mistletoe in your general direction...

May a rabid reindeer prance merrily around your lawn marking his territory...

May a Scotch Pine drop all its needles in the shag carpet in your living room...

Your mother wears jingle-socks and your father smells of eggnog!

Now go away or I will taunt you a second time ya ol' Scrooge, you!

Felix Navidad!
Jim, KU0G

From ku0g@sprynet.com Sun Dec 22 17:55:25 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA09534 for <aprssig@tapr.org>; Sun, 22 Dec 1996
17:55:18 -0600 (CST)
Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id PAA12239 for <aprssig@tapr.org>; Sun, 22 Dec 1996

15:55:16 -0800
Date: Sun, 22 Dec 1996 15:55:16 -0800
Message-Id: <199612222355.PAA12239@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Verse two....

On the second day of Christmas my Elmer gave to me...

Two SIG'ers whining (we'll be exchanging this gift on Boxing Day!)

and a long wire in a tall tree!

Festive Yule!

Jim, KU0G

From bruninga@nadm.navy.mil Sun Dec 22 18:06:03 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA10253 for <aprssig@tapr.org>; Sun, 22
Dec 1996 18:06:01 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id TAA08258 for <aprssig@tapr.org>; Sun, 22 Dec 1996
19:11:19 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Dec 1996 19:11:19 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: W3ADO QRP Heard
In-Reply-To: <19961222.080027.2287.0.bb1iss@juno.com>
Message-ID: <Pine.GS0.3.95.961222190930.7849H-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Dec 1996, William B. Bliss wrote:

> This Sunday morning @ 221537GMT copied W3ADO
> on the APRS BCN text line , out here in CA.
> .
> "BCN: W3ADO TESTING 4W MFJ QRP RIG"

APRSDOS REPLY/COMMENT: OOPS! As I left work Friday, and since Jan is not
going to deliver my QRP XTAL till sometime in JAN even after paying the 3
day premium, I restored the 100 WATT rig and forgot to change the
BEACON... OOPS>....

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Sun Dec 22 18:07:54 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA10375 for <aprssig@tapr.org>; Sun, 22
Dec 1996 18:07:53 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id TAA08271 for <aprssig@tapr.org>; Sun, 22 Dec 1996
19:12:59 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Dec 1996 19:12:59 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7567] Re: 6.6 NO TRANSMIT?
In-Reply-To: <19961222.023305.7327.1.PMANN@juno.com>
Message-ID: <Pine.GS0.3.95.961222191208.7849I-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

INITTAPR.TNC with those old versions set PAR 0 and aI believe that KAM
needs PAR NONE. Edit the change. The file is in the APRS\SYSTEM
directory...

On Sun, 22 Dec 1996, PETER J MANN wrote:

> N5WRD, Jim has a problem...Loaded 6.6 APRS into 486 66 machine. Can hear
> great but can NOT transmit! Same KAM TNC using SAME port with Pro-Comm
> works packet on the SAME radio no problem! Any one else had this happen?
>
> HAVE A GREAT DAY!
> 73
> Pete
>
> Best of the holiday greeting to all.
>
>

APRSDOS REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From sparkfel@primenet.com Sun Dec 22 18:17:25 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA10989 for <aprssig@tapr.org>; Sun, 22
Dec 1996 18:17:21 -0600 (CST)
Received: from ip-20-204.phx.primenet.com (ip-20-204.phx.primenet.com
[206.165.20.204]) by primenet.com (8.8.3/8.8.3) with SMTP id RAA07267; Sun, 22 Dec
1996 17:17:12 -0700 (MST)
Date: Sun, 22 Dec 1996 17:17:12 -0700 (MST)
Message-Id: <1.5.4.16.19961222171715.09076e92@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: The 12 Days....

At 01:28 PM 12/22/96 -0600, jim.person@juno.com wrote:

>Is the following what the sig is for?????????
>73 de wd0gux - jim
>On Sun, 22 Dec 1996 09:16:52 -0600 (CST) Jim Duncan <ku0g@sprynet.com>
>writes:
>>On the first day of Christmas my Elmer gave to me.....
>>
>>A long wire in a tall tree...

Yes it is. So stop being a grinch and let people enjoy the holidays.

Mark KC7BXS

From lcb911@apex2000.net Sun Dec 22 18:29:28 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA12003 for <aprssig@tapr.org>; Sun, 22
Dec 1996 18:29:24 -0600 (CST)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with
ESMTP id za002365 for <aprssig@tapr.org>; Sun, 22 Dec 1996 18:31:41 -0600
Message-Id: <1.5.4.16.19961222182938.1c2f1ce4@apex2000.net>
X-Sender: lcb911@apex2000.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: Re: [APRSSIG:7577] Need Help FAST! with Error Code (PC)
Date: Sun, 22 Dec 1996 18:31:41 -0600

The old original IBM audio code of 3 long beeps was a keyboard error.

Good luck

Les/N5K0A

At 04:54 PM 12/22/96 -0600, you wrote:

SNIP...

>I am getting 3 relatively long
>slow beeps equally spaced from each other as an error code when I boot up.
>Rich Garcia N2CZF

From hwm@netcom.com Sun Dec 22 18:30:16 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom3.netcom.com [192.100.81.103]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA12045 for <aprssig@tapr.org>; Sun, 22 Dec 1996 18:30:10 -0600 (CST)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id QAA00105 for <aprssig@tapr.org>; Sun, 22 Dec 1996 16:32:29 -0800
Date: Sun, 22 Dec 1996 16:32:29 -0800 (PST)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7578] New Rule of SIG etiquette (was Re: The 12 Days....)
In-Reply-To: <9612221702.AA34778@oscar.telalink.net>
Message-ID: <Pine.LNX.3.95.961222163042.103A-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

And lets be sure to quote the offending message in its entirety.

From wb7vbn@ro.com Sun Dec 22 18:52:34 1996
Received: from sh1.ro.com (sh1.ro.com [205.216.92.5]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA13759 for <aprssig@tapr.org>; Sun, 22 Dec 1996 18:52:33 -0600 (CST)
Received: from ts2p19.ro.com (ts2p19.ro.com [205.216.92.60]) by sh1.ro.com (8.8.4/8.8.4) with SMTP id SAA21528 for <aprssig@tapr.org>; Sun, 22 Dec 1996 18:52:31 -0600
Date: Sun, 22 Dec 1996 18:52:31 -0600
Message-Id: <199612230052.SAA21528@sh1.ro.com>
X-Sender: wb7vbn@ro.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: wb7vbn@ro.com (R. Lamb)
Subject: Re: [APRSSIG:7577] Need Help FAST! with Error Code (PC)

>I know that this is way off topic but I need an answer FAST before I leave
>for the holidays. I am building up a old 486 for my Dad and wanted to give
>it to him as a gift before I leave tomorrow. I am getting 3 relatively long
>slow beeps equally spaced from each other as an error code when I boot up.
>I get no video at all to tell me what is wrong. I have removed every card
>one by one and still get the error code when I turn it on. Anyone have an
>idea as to what this code is ?
>

>The reason I am rushing is that I was thinking to give him a taste of
>Internet for the holidays. I can set up the account right now with defaults
>and deal with the subscription issue over the phone once I leave. Not only
>that but he can be back on APRS while I am gone and possibly track me if I
>can find a GATE in range of NNJ.
>

>Rich Garcia N2CZF
>Jupiter Farms Florida
>n2czf@magg.net
><http://www.magg.net/~n2czf/aprs.html>
><http://www.magg.net/~n2czf/index.html>
>
>

As far as I can tell... it means that the first 64K of memory is bad.
Try re-seating the Simms and rebooting it.

Ron Lamb	|	Timothy Twerp was most astounded.
WB7VDN	|	When what he thought was, wasn't grounded.
wb7vdn@ro.com	|	In fact, one could say he was most transfixed.
Huntsville, AL.	|	With his thumb on pin 3 of a live 6L6!

From cunninghamt@ccgate.genrad.com Sun Dec 22 20:01:05 1996
Received: from genrad.com (genrad.genrad.com [132.223.4.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA16784 for <aprssig@tapr.org>; Sun, 22 Dec 1996
20:01:03 -0600 (CST)
From: cunninghamt@ccgate.genrad.com
Received: from pulsar by genrad.com (5.65)
id AA12128; Sun, 22 Dec 1996 20:59:49 -0500
Received: from ccgate by pulsar.genrad.com (5.65v3.2/SMI-3.2)
id AA27792; Sun, 22 Dec 1996 20:59:29 -0500
Received: from ccMail by ccgate.genrad.com (SMTPLINK V2.11.01)
id AA851317149; Sun, 22 Dec 96 01:27:35 EST
Date: Sun, 22 Dec 96 01:27:35 EST
Message-Id: <9611228513.AA851317149@ccgate.genrad.com>
To: aprssig@tapr.org
Subject: on the steep learning curve...

Greetings,

I am on the very steep side of the learning curve with APRS. Since I just acquired a Pico-Packet and a Garmin GPS 45XL, I thought I would put them to some other useful functions when I am traveling on the road, which is a frequent event.

I just got all this stuff working together... GPS interfaced to the Pico-packet and the Pico-Packet to the radio. It appears to be working OK. Since I will be on the road in the next days, weeks, months, etc., I need some advice on how to set the TNC parameters.

So far, I set the GPS to the RTCM/NMEA (NMEA 0183 1.5) 4800 baud setting. This seems to fill the LTEXT and L1TEXT fields on the Pico-Packet. The NMEA 0183 2.0 did not seem to work so I changed it to the 1.5. I noticed that when I had it set to the NMEA/NMEA setting, the L1TEXT fields were not being updated until I changed the GPS receiver to RTCM/NMEA to get the DGPS information.

My TNC settings are MYCALL=N8DEU, MYALIAS=RELAY, UNPROTO=APRS VIA WIDE, and LOCATION E 6. Where do I put a field for information if I want to identify as a mobile or perhaps, what frequency I am monitoring

Since I will be operating on VHF, my question is how should the TNC settings be adjusted to avoid any nasty side effects if I have not caused any yet. The hardware plugged and played the first time (no plug and pray here), so it is a matter of getting the TNC parameters set correctly. Also, if I have an HF rig available on occasion, what settings would I use on the TNC. Would they be different than VHF ?

Any help is appreciated since I am starting with my feet on the ground running.... Next step is getting the APRS software and tinkering on that end...

Thanks,

Tim - N8DEU (n8deu@amsat.org)

From n0lrf@amsat.org Sun Dec 22 20:30:36 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA18259 for <aprssig@tapr.org>; Sun, 22 Dec 1996 20:30:34 -0600 (CST)
Received: from pm6_11.computer-services.com (pm6_11.computer-services.com [206.101.232.158]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id UAA11576 for <aprssig@tapr.org>; Sun, 22 Dec 1996 20:30:42 -0600
Message-ID: <32BE0ABE.1B21@amsat.org>
Date: Sun, 22 Dec 1996 20:29:50 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7583] APRS 40m HF discussion
References: <Pine.GS0.3.95.961222183115.7849B-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>

> We need to launch a serious 40 meter crusade for an APRS frequency.

Count me in. Will attempt to monitor 40m activity here near K.C...

Think I'll start with 7.085, LSB, to start...

Anyone else?

Happy Christmas &

--

73, Paul, n0lrf@amsat.org

From n0ykx@juno.com Sun Dec 22 20:51:25 1996
Received: from x12.boston.juno.com (x12.boston.juno.com [205.231.101.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA19226 for <aprssig@tapr.org>; Sun, 22 Dec 1996 20:51:23 -0600 (CST)

Received: (from n0ykx@juno.com) by x12.boston.juno.com (queuemail)
id VnT06807; Sun, 22 Dec 1996 21:50:31 EST
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7439] APSR SIX METER LINK
Message-ID: <19961222.204652.18726.6.n0ykx@juno.com>
References: <19961218.180454.4647.1.WD4CQE@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-5,7-12
From: n0ykx@juno.com (Bob Powers)
Date: Sun, 22 Dec 1996 21:50:31 EST

On Wed, 18 Dec 1996 18:14:07 -0600 (CST) Kenneth I Mathews
<wd4cq@juno.com> writes:
>Start looking for APRS six meter link linked via WA4GKM-5 by the
>Weekend.

I'm curious as to what freq you are using and where you are located? I
am in central Iowa and might try and listen for APRS traffic from here.

Bob Powers
N0YKX
n0ykx@juno.com or
bob@ia-ngnet.army.mil

From kb5wio@fia.net Sun Dec 22 21:44:47 1996
Received: from kinsey.fia.net (root@mail.fia.net [206.171.100.7]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA21499 for <aprssig@tapr.org>; Sun, 22 Dec 1996
21:44:46 -0600 (CST)
Received: from ama-fia.fia.net (ts18p13.fia.net [207.212.0.53]) by kinsey.fia.net
(8.7.3/8.6.12) with ESMTP id TAA24290 for <aprssig@tapr.org>; Sun, 22 Dec 1996
19:44:26 -0800 (PST)
Message-Id: <199612230344.TAA24290@kinsey.fia.net>
From: "Jimmy Burkhalter" <kb5wio@fia.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7593] on the steep learning curve...
Date: Sun, 22 Dec 1996 21:44:32 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: cunninghamt@ccgate.genrad.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:7593] on the steep learning curve...
> Date: Sunday, December 22, 1996 8:05 PM
>
> Greetings,

>
> I am on the very steep side of the learning curve with APRS. Since
I
> just acquired a Pico-Packet and a Garmin GPS 45XL, I thought I would

> put them to some other useful functions when I am traveling on the
> road, which is a frequent event.
>
> I just got all this stuff working together... GPS interfaced to the

> Pico-packet and the Pico-Packet to the radio. It appears to be
> working OK. Since I will be on the road in the next days, weeks,
> months, etc., I need some advice on how to set the TNC parameters.
>
> So far, I set the GPS to the RTCM/NMEA (NMEA 0183 1.5) 4800 baud
> setting. This seems to fill the LTEXT and L1TEXT fields on the
> Pico-Packet. The NMEA 0183 2.0 did not seem to work so I changed it

> to the 1.5. I noticed that when I had it set to the NMEA/NMEA
> setting, the L1TEXT fields were not being updated until I changed
the
> GPS receiver to RTCM/NMEA to get the DGPS information.
>
> My TNC settings are MYCALL=N8DEU, MYALIAS=RELAY, UNPROTO=APRS VIA
> WIDE, and LOCATION E 6. Where do I put a field for information if
> I want to identify as a mobile or perhaps, what frequency I am
> monitoring
>
> Since I will be operating on VHF, my question is how should the TNC
> settings be adjusted to avoid any nasty side effects if I have not
> caused any yet. The hardware plugged and played the first time (no
> plug and pray here), so it is a matter of getting the TNC parameters

> set correctly. Also, if I have an HF rig available on occasion,
what
> settings would I use on the TNC. Would they be different than VHF ?
>
> Any help is appreciated since I am starting with my feet on the
> ground running.... Next step is getting the APRS software and
> tinkering on that end...
>
>
>
> Thanks,
>
> Tim - N8DEU (n8deu@amsat.org)
>
>

The mobile id is determed by the sid number like N8DEU-9 for a car symble
or -12 for a jeep. Read your APRS mobile text for the rest of the sid
settings.

Jimmy Burkhalter KB5WIO Amarillo, Texas

From n2czf@magg.net Sun Dec 22 22:24:37 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA23146 for <aprssig@tapr.org>; Sun, 22 Dec 1996 22:24:35 -0600 (CST)
Received: from default (wpb-113.magg.net [205.218.112.113]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id XAA14961 for <aprssig@tapr.org>; Sun, 22 Dec 1996 23:24:33 -0500
Message-Id: <199612230424.XAA14961@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7587] Re: W3ADO QRP Heard
Date: Sun, 22 Dec 1996 23:17:57 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Oh NO! Not JAN!! You think your MFJ QRP had problems before just wait!

> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7587] Re: W3ADO QRP Heard
> Date: Sunday, December 22, 1996 7:11 PM
> APRSDos REPLY/COMMENT: OOPS! As I left work Friday, and since Jan is not
> going to deliver my QRP XTAL till sometime in JAN even after paying the
3
> day premium, I restored the 100 WATT rig and forgot to change the
> BEACON... OOPS>....
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
> GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From n2czf@magg.net Sun Dec 22 22:48:19 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA24203 for <aprssig@tapr.org>; Sun, 22 Dec 1996 22:48:18 -0600 (CST)
Received: from default (wpb-113.magg.net [205.218.112.113]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with ESMTP id XAA16416 for <aprssig@tapr.org>; Sun, 22 Dec 1996 23:48:16 -0500
Message-Id: <199612230448.XAA16416@grumpy.magg.net>
From: "Richard F. Garcia" <n2czf@magg.net>
To: <aprssig@tapr.org>
Subject: Thanks to all RE: beep Codes
Date: Sun, 22 Dec 1996 23:41:41 -0500
X-MSMail-Priority: Normal

X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks to all for replying so quickly to the beep codes. Yes it is a AMI BIOS and yes it probably is the memory, I had bought some new stuff (but saw it get checked out!) when I did the upgrade. I do not even remember if it was parity or non parity but I will track down the seller once I get back and wring him out. It is probably that he gave me the incorrect parity.

I got a ton of replies so it just proves that everyone on the sig is not all that bad! Not even one flame! that surprised me. Thanks again for the replies at least it kept me from spinning my wheels in vein at this late hour.

Happy Holidays to all!
Rich Garcia N2CZF
Jupiter Farms Florida
n2czf@magg.net
<http://www.magg.net/~n2czf/aprs.html>
<http://www.magg.net/~n2czf/index.html>

From pmann@juno.com Mon Dec 23 01:27:07 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA07542 for <aprssig@tapr.org>; Mon, 23 Dec 1996 01:27:05 -0600 (CST)
Received: (from pmann@juno.com) by x4.boston.juno.com (queueemail) id C~W23202; Mon, 23 Dec 1996 02:26:48 EST
To: aprssig@tapr.org
Subject: Re: APRS 40m HF discussion
Message-ID: <19961223.012507.4983.0.PMANN@juno.com>
References: <32BE0ABE.1B21@amsat.org>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-4
From: pmann@juno.com (PETER J MANN)
Date: Mon, 23 Dec 1996 02:26:48 EST

7.085 LSB I'll set the radio tonight.

HAVE A GREAT DAY!
Pete
KF5RD

From fhickey@neosoft.com Mon Dec 23 02:07:04 1996
Received: from mailbox.neosoft.com (mailbox.neosoft.com [206.109.1.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA08807 for <aprssig@tapr.org>; Mon, 23 Dec 1996 02:07:03 -0600 (CST)
Received: from fhickey.neosoft.com (pandora-ppp-port-54.neosoft.com [206.109.8.108]) by mailbox.neosoft.com (8.8.4/8.8.3) with SMTP id CAA16789 for <aprssig@tapr.org>; Mon, 23 Dec 1996 02:07:01 -0600 (CST)

Message-ID: <32BE3E1D.6CDE@neosoft.com>
Date: Mon, 23 Dec 1996 02:09:01 -0600
From: Anthony Hickey <fhickey@neosoft.com>
Reply-To: fhickey@neosoft.com
X-Mailer: Mozilla 3.0Gold (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: APRS 40m HF discussion
References: <Pine.GS0.3.95.961222183115.7849B-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

> > We need to launch a serious 40 meter crusade for an APRS frequency. I
> believe this band is the best for local one-two day travel for reporting
> ones position back home during the day. 30 m I think is a little long and
> better for offshore boaters and further distance travelers. Although there
> will be differences between N.S.E and W due to local QRM from Canada,
> Mexico, S.America, etc, we are still best off with one freq.

Please keep in mind foreign broadcast stations. They can be rather strong (500 kw) and annoying especially since they broadcast a carrier which will confuse TNCs without DSP (and probably some with DSP) or an automatic notch. Their actual modulation is rather broad-banded and will cause problems, but a tight (500 Hz.) IF filter can make them almost transparent. Most of the broadcast in the 40m band is above 7.100 MHz, but peering into my 1992 reference I see stations on 7.095, 7.080, 7075. These stations are rather weak compared to most and transmit intermittently (sorry I can't spell), but with close to 10 Khz bandwidth this can cause some problems. Not everyone can afford to get a 500Hz IF filter and DSP. We may just have to live with it and put up with interference, besides I have no idea what other Ham operations might be out there..

Considering the added atmospheric noise and interference has anyone considered using pactor? I know not everyone has this either, but it would be quite an advantage except for the slower baud rate which can also be an advantage at times...

From rhiii@mnsinc.com Mon Dec 23 05:16:44 1996
Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA14630 for <aprssig@tapr.org>; Mon, 23 Dec 1996 05:16:43 -0600 (CST)
Received: from news2.mnsinc.com (news2.mnsinc.com [206.55.3.16]) by mail1.mnsinc.com (8.8.3/8.7.3) with ESMTP id GAA08433 for <aprssig@tapr.org>; Mon, 23 Dec 1996 06:16:42 -0500 (EST)
Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by news2.mnsinc.com (8.8.3/8.7.3) with SMTP id GAA07886 for <aprssig@tapr.org>; Mon, 23 Dec 1996 06:16:41 -0500 (EST)
From: rhiii@mnsinc.com (Richard H.)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7583] APRS 40m HF discussion
Date: Mon, 23 Dec 1996 11:15:04 GMT
Message-ID: <32be669f.45640770@relay.mnsinc.com>

References: <Pine.GS0.3.95.961222183115.7849B-100000@arctic>
In-Reply-To: <Pine.GS0.3.95.961222183115.7849B-100000@arctic>
X-Mailer: Forte Agent .99f/16.299
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sun, 22 Dec 1996 17:49:18 -0600 (CST), you wrote:

>We need to launch a serious 40 meter crusade for an APRS frequency. I
>believe this band is the best for local one-two day travel for reporting
>ones position back home during the day. 30 m I think is a little long =
and
>better for offshore boaters and further distance travelers. =20

Yes ! A move to establish a 40m freq is well overdue. I work a fair
amount of packet on 40m and think that 7089 is about as good as it
going to get there.

-- Richard/N2JR

From w9ntpdon@ind.tds.net Mon Dec 23 06:59:43 1996
Received: from mail.tds.net (mail.tds.net [204.246.1.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id GAA17848 for <aprssig@tapr.org>; Mon, 23 Dec 1996
06:59:41 -0600 (CST)
Received: from wyman (wain0-a07.ind.tds.net [204.246.13.104]) by mail.tds.net
(8.8.2/8.8.2) with SMTP id GAA03727 for <aprssig@tapr.org>; Mon, 23 Dec 1996
06:55:22 -0600 (CST)
Message-ID: <MAPI.Id.0016.00396e7470646f6e3831374230303035@MAPI.to.RFC822>
Return-Receipt-To: w9ntpdon@ind.tds.net
Priority: Normal
To: aprssig@tapr.org
MIME-Version: 1.0
From: don c miller <w9ntpdon@ind.tds.net>
Subject: Registration
Date: Mon, 23 Dec 96 07:58:31 EST
Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit

Please subscribe me. Don C. Miller, W9NTP Email address
is: w9ntpdon@tds.net

From ku0g@sprynet.com Mon Dec 23 07:35:47 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA19293 for <aprssig@tapr.org>; Mon, 23 Dec 1996
07:35:45 -0600 (CST)
Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id FAA16706 for <aprssig@tapr.org>; Mon, 23 Dec 1996
05:35:43 -0800
Date: Mon, 23 Dec 1996 05:35:43 -0800
Message-Id: <199612231335.FAA16706@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Day Three...

On the third day of Christmas my Elmer gave to me....

THREE GPS'es (thanks Garmin!)

Two Sig'ers whining
and a Long Wire in a Tall Tree...

(I wonder just what I can exchange those whining SIG'ers for, surely not much trade-in value....Just my luck it's one of those "no returns/no exchanges" items, too!)

May a half-crazed snow-person (not political correctness!) park themself on your front steps to ward off the Grinch!

Jim, KU0G

From n0lrf@amsat.org Mon Dec 23 07:47:14 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA19723 for <aprssig@tapr.org>; Mon, 23 Dec 1996 07:47:12 -0600 (CST)
Received: from pm6_09.computer-services.com (pm6_09.computer-services.com [206.101.232.156]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id HAA05322 for <aprssig@tapr.org>; Mon, 23 Dec 1996 07:47:21 -0600
Message-ID: <32BEA8B5.1885@amsat.org>
Date: Mon, 23 Dec 1996 07:43:49 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7599] Re: APRS 40m HF discussion
References: <19961223.012507.4983.0.PMANN@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

PETER J MANN wrote:

>

> 7.085 LSB I'll set the radio tonight.

I'm home today and will be monitoring as soon as I can figure out & fix an audio problem in my HF/KAM cable...

Will also check out 7.089.00 LSB, too.

--

73, Paul, n0lrf@amsat.org

From ku0g@sprynet.com Mon Dec 23 07:54:20 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA20094 for <aprssig@tapr.org>; Mon, 23 Dec 1996
07:54:18 -0600 (CST)
Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id FAA19481 for <aprssig@tapr.org>; Mon, 23 Dec 1996
05:54:16 -0800
Date: Mon, 23 Dec 1996 05:54:16 -0800
Message-Id: <199612231354.FAA19481@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7602] Registration

At 07:06 12/23/96 -0600, you wrote:
>Please subscribe me. Don C. Miller, W9NTP Email address
>is: w9ntpdon@tds.net
>
We can't do that. You have to do it yourself. Send EMail to

listserv@tapr.org

No Subject...

In body of message type

subscribe aprssig

Nothing else in body, send it and you too will be inundated by the
voluminous and sometimes useful information that flows from the fountain
source of all APRS knowledge! Enjoy!!!

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From jkerns@usit.net Mon Dec 23 08:07:27 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA20628 for <aprssig@tapr.org>; Mon, 23 Dec 1996
08:07:25 -0600 (CST)
Received: from LOCALNAME (bway-slip31.dynamic.usit.net [199.1.63.31]) by
smtest.usit.net (8.7.5/8.6.12) with SMTP id JAA04597 for <aprssig@tapr.org>; Mon,
23 Dec 1996 09:15:24 -0500 (EST)
Date: Mon, 23 Dec 1996 09:15:24 -0500 (EST)
Message-Id: <199612231415.JAA04597@smtest.usit.net>
X-Sender: jkerns@pop.usit.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>
Subject: GPS difference

Happy Holidays to all.

I have a Garman 50 which I've used a couple times from Tn. to West Coast. Is there a good reason to change to another GPS unit that is better and won't have to change wiring? I notice some of the Ads have some sort of map on the readout page. I have never used mine for anything but APRS. Someone advise, please.

Jim Kerns

N4PUQ

jkerns@usit.net

Oliver Springs, Tn.

(just outside Oak Ridge where everyone glows in the dark!!)

From bruninga@nadm.navy.mil Mon Dec 23 08:54:58 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA22276 for <aprssig@tapr.org>; Mon, 23 Dec 1996 08:54:56 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA00373 for <aprssig@tapr.org>; Mon, 23 Dec 1996 10:00:14 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Dec 1996 10:00:14 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7583] APRS 40m HF discussion
In-Reply-To: <199612230328.DAA12766@mule0.mindspring.com>
Message-ID: <Pine.GSO.3.95.961223095236.28906B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 23 Dec 1996 gphowell@mindspring.com wrote:

> forget 40. with all the HF BBS stations in place, "carving out" a spot
> would be just that -- stepping on someone's toes in a big time fashion.

APRSDos REPLY/COMMENT: I expect the shortwave QRM in the evenings, but the intent is a daytime near-vertical-incidence HF reporting frequency for mobiles out a few hundred miles... With these criteria, can we find a freq that may be totally useless at night, but which is usable during the day? Don't think DX frequency or DX antennas. What you want is near vertical incidence. Humm, or is N-V-I even better on 80m? We know that 80m multipath in the evenings makes 300 baud packet useless... But during the day, there should be no multipath... just very weak sigs..

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Mon Dec 23 09:05:51 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA22761 for <aprssig@tapr.org>; Mon, 23 Dec 1996 09:05:48 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA01154 for <aprssig@tapr.org>; Mon, 23 Dec 1996 10:11:06 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Dec 1996 10:11:06 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7600] Re: APRS 40m HF discussion
In-Reply-To: <32BE3E1D.6CDE@neosoft.com>
Message-ID: <Pine.GS0.3.95.961223100526.28906C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 23 Dec 1996, Anthony Hickey wrote:

> Please keep in mind foreign broadcast stations, [whos carrier ...]
> will confuse TNCs without DSP (and probably some with DSP) or an
> automatic notch.... but a tight (500 Hz.) IF filter can make them
> almost transparent. Most of the broadcast in the 40m band is above
> 7.100 MHz, but peering into my 1992 reference I see stations on
> 7.095,7.080,7075. These stations are rather weak compared to most and

APRSDos REPLY/COMMENT: I agree, in fact, I think that is where we can search, a freq that has a broadcaster in the normal 2.7 KHz passband of an SSB rig to drive everyone else away, and then we operate with 500 Hz filters and get through easily. I don't have a 500 Hz IF rig yet (that can both XMT and receive through the same XTAL, BUT that is my current mission, to design and build a single freq XTAL controlled HF data radio with 500 HZ bandwidth for dedicated APRS use for under \$199...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From schiers@ames.net Mon Dec 23 09:10:41 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA22833 for <aprssig@tapr.org>; Mon, 23 Dec 1996 09:10:40 -0600 (CST)
From: schiers@ames.net
Received: from HASAN (schiers.ames.net [206.29.126.237]) by brain.ames.net (8.6.12/8.6.9) with SMTP id JAA01861 for <aprssig@tapr.org>; Mon, 23 Dec 1996 09:09:28 -0600
Message-Id: <199612231509.JAA01861@brain.ames.net>
Date: Mon, 23 Dec 96 09:07:14 -0600
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7607] Re: APRS 40m HF discussion
In-Reply-To: <Pine.GS0.3.95.961223095236.28906B-100000@arctic>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <Pine.GS0.3.95.961223095236.28906B-1000000@arctic>, on 12/23/96 at 08:57 AM,

Bob Bruninga <bruninga@nadm.navy.mil> said:

>With thees criteria, can we find a
>freq that may be totally useless at night, but which is usable during the
>day?

In the winter, especially mid-winter, there is still going to be severe qrm from DX broadcast. It lasts until after 10:00 a.m. local in the midwest and starts up again around 2:00 p.m. NVI antennas will help, but when the stations are 20 to 30 dB over S-9, you still hear them big time.

I'm not trying to discourage anyone, just commenting on my experience with 40m mid-winter conditions. I still think 40m would be better than 80m, where the range will be under 150 miles, during the day and signals fairly weak, not to mention the contribution of less than 6% efficiency of mobile antennas on that band. 73,

hasan schiers, NOAN--

schiers@ames.net

From sproul@ap.org Mon Dec 23 09:22:57 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA23524 for <aprssig@tapr.org>; Mon, 23 Dec 1996 09:22:56 -0600 (CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id KAA02054; Mon, 23 Dec 1996 10:16:29 -0500

X-Sender: sproul@165.1.6.1

Message-Id: <v03007806aee451b869f9@[165.1.27.20]>

In-Reply-To: <9612221918.AA27163@host>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 23 Dec 1996 10:15:11 -0500

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: Re: Cant see ICONs

Cc: jpcirone@warwick.net

>I'm new to APRS - still trying to figure out how to get the signals I
>hear on my 2m rig and see on my PK232-MBX with the AEA software in
>use to become icons on the WinAPRS map of NJ or for that matter any
>map, but as soon as I do I plan on putting in 2 mobile (mine &
>wife's) as well as two weather/fixed stations that can be used as
>"digipeaters" if there is such a thing on APRS - I plan on putting
>the fixed stations in Hewitt NJ (Near Waywayanda State Park/Greenwood
>Lake) in Passaic County on the Warwick NY border and the other at the
>Military Ocean Terminal in Bayonne NJ on one of my radio towers (In

>shadows of NYC and Newark on NY Harbor).

>

This is normally a TNC settings problem. Most likly you have HEADERLN ON, it must be set to off. If you still cant get it to work, go into a TERMINAL program and save about 1/2 hour worth of data, then send it to me and I will look at it and see what is going on.

This offer is to anyone who can see data coming into WinAPRS but does not see ANY stations on the screen. Of course I would prefer you read the docs first but I will help when ever I can.

Mark

```
-----
Mark Sproul                |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org              |Work: 609-860-7120
North Brunswick, NJ        |Fax: 609-860-7129
http://msproul.rutgers.edu/
-----
```

From bruninga@nadm.navy.mil Mon Dec 23 09:25:05 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA23716 for <aprssig@tapr.org>; Mon, 23 Dec 1996 09:25:03 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA02514 for <aprssig@tapr.org>; Mon, 23 Dec 1996 10:30:20 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Dec 1996 10:30:20 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
Reply-To: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: HF tones.
Message-ID: <Pine.GS0.3.95.961222203907.8940C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My OLD KAMs used 1600 and 1800 HZ tones for HF (center freq of 1700 hz). I believe some others use 2125 Hz, and others 2110? Since I am designing a XTAL controlled HF DATA Xcvr for APRS, I need to be pretty sure of everyone's tones. Some MFRs still use only the original 170 HZ shift used for 60 WPM RTTY and never even changed for the 200 Hz shift for ASCII.. Lets fill in another table:

HF TNC	LOW	CENTER	HIGH	SHIFT	
-----	----	-----	-----	-----	
BELL 202	2025	2125	2225	200	The original standard for 300 baud
KAM (old)	1600	1700	1800	200	

KAM Plus	?	?	?	?	
MFJ 1270/74B	?	1700	?	?	Only the 1700 is ref'ed in manual
MFJ 1270/74c	2125	2210	2295	170	(I think)
MFJ 1278	2125	2210	2295	170	
PK-232	?	?	?	?	
PK-2232	?	?	?	?	
PK-900	?	?	?	?	
DSP-12	2125	2225	2325	200	(Wierd!)

Don't worry, my design will accomodate all of the above, but I need a baseline for optimizing the design...

Reply mail addr: wb4apr@amsat.org
 See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
 GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From truxenia@erinet.com Mon Dec 23 09:29:31 1996
 Received: from erinet.com (eri.erinet.com [207.0.229.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA23854 for <aprssig@tapr.org>; Mon, 23 Dec 1996 09:29:30 -0600 (CST)
 Received: from truxenia (dlp190.dayton.eri.net [207.90.116.222]) by erinet.com (8.8.0/8.8.0) with ESMTP id KAA12148 for <aprssig@tapr.org>; Mon, 23 Dec 1996 10:29:04 -0500 (EST)
 Message-Id: <199612231529.KAA12148@erinet.com>
 From: "Truman Boerkoel" <truxenia@erinet.com>
 To: "Sig APRS" <aprssig@tapr.org>
 Subject: Tripmate & KCP-3/HSP cable
 Date: Mon, 23 Dec 1996 10:27:34 -0500
 X-MSMail-Priority: Normal
 X-Priority: 3
 X-Mailer: Microsoft Internet Mail 4.70.1155
 MIME-Version: 1.0
 Content-Type: text/plain; charset=ISO-8859-1
 Content-Transfer-Encoding: 7bit

Think I got in over my head with my first venture with GPS here.

I have the KCP-3 & HSP Kantronics cable and need help with hooking the HSP 3 wires to a DB9 connector that will mate with the Tripmate DB9 connector. Wires in question from the HSP cable are ground, red & white.

Once these are correctly in place, can someone supply me with the necessary cmds that I need to set the unit into operation.

Thanks es Vry 73 de Tru K8JUG
 truxenia@erinet.com

From bm670@freenet.toronto.on.ca Mon Dec 23 09:53:53 1996
 Received: from queen.torfree.net (root@queen.torfree.net [199.71.188.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA25406 for <aprssig@tapr.org>; Mon, 23

Dec 1996 09:53:48 -0600 (CST)
Received: by queen.torfree.net (Smail3.1.28.1 #6)
id m0vcCfS-0000ltC; Mon, 23 Dec 96 10:51 EST
Date: Mon, 23 Dec 1996 10:51:53 -0500 (EST)
From: Jack LeBreton <bm670@freenet.toronto.on.ca>
Subject: Re: [APRSSIG:7605] Re: Registration
To: aprssig@tapr.org
In-Reply-To: <199612231354.FAA19481@m1.sprynet.com>
Message-ID: <Pine.3.89.9612231037.A984-01000000@queen>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Merry Christmas, SIGgers,

What a delightful reply, in light of all the FLAMING
we've just seen!

Best of the Season,
de Jack VA3JAX

On Mon, 23 Dec 1996, Jim Duncan wrote:

> At 07:06 12/23/96 -0600, you wrote:
> >Please subscribe me. Don C. Miller, W9NTP Email address
> >is: w9ntpdon@tds.net
> >
> We can't do that. You have to do it yourself. Send EMail to
>
> listserv@tapr.org
>
> No Subject...
>
> In body of message type
>
> subscribe aprssig
>
>
> Nothing else in body, send it and you too will be inundated by the
> voluminous and sometimes useful information that flows from the fountain
> source of all APRS knowledge! Enjoy!!!
> 73 de Jim, KU0G
> Chairman/Coordinator
> Kansas City APRS Working Group
> EMail: ku0g@kcaprs.com
> EMail: ku0g@sprynet.com
>
>

From DBORCHER@nogmail.gi.com Mon Dec 23 09:59:54 1996
Received: from ariel.gi.com (ariel.gi.com [168.84.84.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA25629 for <aprssig@tapr.org>; Mon, 23 Dec 1996

09:59:52 -0600 (CST)

Received: from gismtpgate.gi.com (po1.gi.com) by GI.COM (PMDf V5.0-6 #7516)
id <01IDCBWHV9Z4BW9UEY@GI.COM> for aprssig@tapr.org; Mon,
23 Dec 1996 07:59:42 -0700 (PDT)

Received: by gismtpgate.gi.com with Microsoft Mail id
<32BEAAFD@gismtpgate.gi.com>; Mon, 23 Dec 1996 07:53:33 -0800 (PST)

Date: Mon, 23 Dec 1996 09:04:00 -0800 (PST)

From: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>

Subject: RE: [APRSSIG:7600] Re: APRS 40m HF discussion

To: aprssig <aprssig@tapr.org>

Message-id: <32BEAAFD@gismtpgate.gi.com>

X-Mailer: Microsoft Mail V3.0

Content-transfer-encoding: 7BIT

Encoding: 45 TEXT

Does this message mean that you would propose a shift of all
HF APRS ops to Pactor? An interesting thought, but how much
better is broadcast (UI) Pactor?

In the presence of interference I would think that unconnected packet /
pactor copy would be strongly related to the (TNC/modem/controller)
used. As an example, my DSP-232 seems to get better copy on Packet
than broadcast Pactor, probably due to some characteristics of the DSP.
My KAM is the opposite (and of course has no DSP).

Dave Borcher K7NG
dborcher@nogmail.gi.com

From: aprssig

To: aprssig

Subject: [APRSSIG:7600] Re: APRS 40m HF discussion

Date: Monday, December 23, 1996 2:09AM

Bob Bruninga wrote:

> > We need to launch a serious 40 meter crusade for an APRS frequency. I
> believe this band is the best for local one-two day travel for reporting
> ones position back home during the day. 30 m I think is a little long and
> better for offshore boaters and further distance travelers. Although there
> will be differences between N.S.E and W due to local QRM from Canada,
> Mexico, S.America, etc, we are still best off with one freq.

Please keep in mind foreign broadcast stations. They can be rather
strong (500 kw) and annoying especially since they broadcast a carrier
which will confuse TNCs without DSP (and probably some with DSP) or an
automatic notch. Their actual modulation is rather broad-banded and
will cause problems, but a tight (500 Hz.) IF filter can make them
almost transparent. Most of the broadcast in the 40m band is above
7.100 MHz, but peering into my 1992 reference I see stations on
7.095, 7.080, 7.075. These stations are rather weak compared to most and
transmit intermittently (sorry I can't spell), but with close to 10 KHz
bandwidth this can cause some problems. Not everyone can afford to get a
500Hz IF filter and DSP. We may just have to live with it and put up

with interference, besides I have no idea what other Ham operations might be out there..

Considering the added atmospheric noise and interference has anyone considered using pactor? I know not everyone has this either, but it would be quite an advantage except for the slower baud rate which can also be an advantage at times...

From lwalden@ebmud.com Mon Dec 23 10:30:13 1996
Received: from phantasm (phantasm.ebmud.com [204.30.140.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA27086 for <aprssig@tapr.org>; Mon, 23 Dec 1996 10:30:11 -0600 (CST)
Received: from lwalden.EBMUD ([204.30.146.238]) by phantasm (5.x/SMI-SVR4) id AA14777; Mon, 23 Dec 1996 08:25:30 -0800
Message-Id: <9612231625.AA14777@phantasm>
From: "Lee Walden" <lwalden@ebmud.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7611] HF tones.
Date: Mon, 23 Dec 1996 08:29:37 -0800
X-Msmail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> Some MFRs still use only the original 170 HZ shift
> used for 60 WPM RTTY and never even changed for the 200 Hz shift for
> ASCII.. Lets fill in another table:
>
> HF TNC LOW CENTER HIGH SHIFT
> ----- ---- - - -
> BELL 202 2025 2125 2225 200 The original standard for 300
baud
> KAM (old) 1600 1700 1800 200
> KAM Plus ? ? ? ?
> MFJ 1270/74B ? 1700 ? ? Only the 1700 is ref'ed in manual
> MFJ 1270/74c 2125 2210 2295 170 (I think)
> MFJ 1278 2125 2210 2295 170

 PK-88 2025 ? 2225 200 PER MANUAL PAGE 4-20
> PK-232 ? ? ? ?
> PK-2232 ? ? ? ?
> PK-900 ? ? ? ?
> DSP-12 2125 2225 2325 200 (Wierd!)
>
I imagine that the other AEA PK2XX use the same settings ass the PK-88.

From N2ZRC@gnn.com Mon Dec 23 11:09:35 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA29433 for <aprssig@tapr.org>; Mon, 23 Dec 1996 11:09:34 -0600 (CST)
Received: from 68-129.client.gnn.com. (68-129.client.gnn.com [205.188.68.129]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)

with SMTP id MAA25384 for <aprssig@tapr.org>;
Mon, 23 Dec 1996 12:09:01 -0500 (EST)
Message-Id: <199612231709.MAA25384@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 23 Dec 1996 12:09:31
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Re: (former) ALT-B

Hi All,

On Sun, 22 Dec 1996 Joe Foor responded to William B. Bliss, who wrote:

>> APRSdos, Ver 77e, what happened to the ALT-B command in HELP.TXT
files ??????

with:

>I think the new command structure is <alt>(S)etup, (S)tatus

Close, but no cigar. It's I(nput) M(y) S(tatus). To transmit it, press
X(mit)
S(tatus), which used to be X-B. Note also that the config file has been changed
and,
if you look in your root directory, you'll see a new CFIG77b.APR in addition to
your
old one. 73

Arte Booten N2ZRC@gnn.com

From gwyn@paccomm.com Mon Dec 23 11:15:17 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA29606 for <aprssig@tapr.org>; Mon, 23 Dec 1996
11:15:12 -0600 (CST)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vcDy4-000FSAC; Mon, 23 Dec 96 12:15 EST
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBF0CB.050595A0@gwyn.paccomm.com>; Mon, 23 Dec 1996 12:15:43 -0500
Message-ID: <01BBF0CB.050595A0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:7611] HF tones.
Date: Mon, 23 Dec 1996 12:15:41 -0500
Encoding: 37 TEXT, 55 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

On Monday, December 23, 1996 4:34 AM, Bob Bruninga[SMTP:bruninga@nadm.navy.mil]
wrote:

>My OLD KAMs used 1600 and 1800 HZ tones for HF (center freq of 1700 hz).
>I believe some others use 2125 Hz, and others 2110? Since I am designing

M` ``!E` `` ``3TY-3TY\$05DL1\$5#14U"15(R,RPQ.3DV-#HS-\$%-+\$/0D)254Y)
M3D=!4TU44#I"4E5.24Y'04!.041.3D%664U)3%=23U1%.DU93TQ\$2T%-4U53
M140Q-C P04Y\$,30P,\$A:5 `` `` `` ``0D0`0` ``&4%` ``!A!0` `9PP` `\$Q:1G7A
ME=X0_P` *`0` \"%0*d`^0%ZP*#`% 3`U0` \"&-H\"L!S971N,@8`!L,\"@S(#Q0(`
M<,QR<1(@#_]F,P1&\$W/L,2 (50*#-!,,!Q,\"@^XU\$PH5X!/M?0J \" ,\\)V2([
M&P\\R-34<+V4Q/#(X`H *@0VQ\"V!N9Q@Q, #,5` `L#;&DS7C8-\\ M5%L(,`6,`
M0\" *3P.@30(@9&%Y+#0@1 6090;0!) @,@(S(C Q.3DV(#0H.C,T%Z!-(C!\"
M;S)B(_!R=0,` `V!A6T!33510.F(D54 @;F%D;BXEL'9Y1\"YM`Q!=('<#8'3T
M93H+A3X+1A+R(3,2\\L3D\";!8P5 37DAD\$Q81\"!+(\\ \$('41\\&2S(Q @4# @
M` ` J(3@J8?!(6B!T`B `D0(0!<#P2\$8@*)P`C BL0-0H&5Q(&]F(Q W*F`P
M:'HI+@J`())\\G?RB)#\$D@J @(&5V92#N<P-P,9 FP&@D`G3(M#U`I U*Q!Z
M(C JDC(% ,K!Y`X _ (8` \"X B<# \$!8>QM(VP`)!G)`(MOR[/`R_? *0%A(%A4
M04QN(6@`C #8&PJ\$20Q1&9!.3 Y\$&-V+(\$%L4`X4%)3(C Q\$\"MP*A\$K4* TQ
M(2 3D!(`=\"E <PAP?3`A9C60-K\\WSRD!,7%RVGDK82<\$(\"M3+C1!,<+(3492
M!\"!S= ,0`R! [,G(\"(&PI0#(1+. %\$&= /\"X `0`T2*Q)S: :0= '\\]/SY//U\\I
M`2GS*[(@4\" \"(5U!-!_!45%DJ@_\\K<\$\"A0((#H!&Q`V!(94-2^P`0*P%Z1(0K
MHD301?]'#X\$I`4%30TE)+D&1_DP2` \"N10H(+@\"J!,@,K0/\\!H#G0)09,_TX/
M*&M2+U,_QU1/*0\$K\\51.0S1 644(3\$]764%#14Y4Q\$52*Q!)1T@&`%J@0\$94
M58]6GU>0*0\$M7J70645>Y%[%8!<M6T]<7UU0\\2D!0D5,.5 !T!(@643_9+\$R
MX&4Q,L(BT&809?(J87TT0%1# :D)@*I\$+\$2NC,^J86)A=61A#V(?8R_/ *0\$I
MH2P0!O!D*5E\$*D/_;3\$M,BK\$2W)I#VH?:R]L-?Y0\"D \$(%E%-#%RV'.%;K^G
M;\\]PWRD\"1DHC\$#(M,/ 0-S1\"<MAMQ'-Z(:\"70R4M(P0`(!L09B<J\$?M1\$0.!
M=0= =%]U;W9_=XS>8V679A\$?@&8\".66!1\"*=-\$ H,1 R\$ N :RE\\3_=]7WYO
M=X@X9.: KRT2@K_`@\\^\$WRD!4\$LM(N!DU0]R[W/_B1^*+XL[B_J,SXW?]X[O
MC_^+9SEFDY`_DP^4'\\.5+RAK1%-0+1Z064=/AP=EXXP`9E<H5PB19/XA@J^:
M3YM?54^@?Z&/G#9U`B G!4!W!;! P\"(P;7\\I0#44)I!\"@@#0!: \$86&_)M J
M@\$*1+/%#40&@;S& V2(P8G4P\\CNC8:/,I!]_I2\\I`6C \$? @(\"MP*Z-0\\P4P
M!W!I>B2!0T,U%% P?RVOJ[^LSZ+/L3^R3RC%4CYE\"U I0 # `Q\$EP&1R0CI9
M07=B-&\$3D\$#U-.!SJ) N!;\"O<#1 \"HO\"(\"\\A-0J%36%K,9 R\$/^HD\"/P,4!\$
M`1^0(C!1462BOT&10.-DLGL10U)GNU8K\\;4*L&\\.\\8'0C`4N!+V8@;TN3L%8*
MA6;B4 #0\"%!M_S3P61&1@2IP;*\"J`2SQ*+`T9`4I`&D\"(&S@*?-E40_ \" ,@
M,N*P5F;BPR*,` \"IT_E#&U#)R*DW!;@J/\"Y\$84N\$M(\"!`=WD#H+<@\"8#Y(B%7
M,61ARA7\"IL*AP&&_!_ EP,20\$C%\"8\"* <\\&,FF?+T4# ,:A!;2ZH007*%6@\"
M0' Z+R]W5= ' +M _(!HQ`--@` `` ``P`0\$ `` `` `#`!\$0` `` `` \$ ``!S\" HC.B
M]/\"[`4 `\"#\" HC.B]/\"[`1X`/0`!` `` ``!0` `` ``)% .B `` `` ``P`--/TW` ``!^
! ,/\"[
`

end

From aa0mm@cjnetworks.com Mon Dec 23 11:41:56 1996

Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA00844 for <aprssig@tapr.org>; Mon, 23
Dec 1996 11:41:53 -0600 (CST)

Received: from LOCALNAME (Port122.cjnetworks.com [206.52.159.177]) by
topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id LAA11739 for <aprssig@tapr.org>;
Mon, 23 Dec 1996 11:39:26 -0600 (CST)

Message-ID: <32BEE17B.2FA5@cjnetworks.com>

Date: Mon, 23 Dec 1996 11:46:03 -0800

From: Ross McClain <aa0mm@cjnetworks.com>

Reply-To: aa0mm@cjnetworks.com

X-Mailer: Mozilla 3.01Gold (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7577] Need Help FAST! with Error Code (PC)
References: <19961222250.RAA25772@grumpy.magg.net>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Richard F. Garcia wrote:

>
> I know that this is way off topic but I need an answer FAST before I leave
> for the holidays. I am building up a old 486 for my Dad and wanted to give
> it to him as a gift before I leave tomorrow. I am getting 3 relatively long
> slow beeps equally spaced from each other as an error code when I boot up.
> I get no video at all to tell me what is wrong. I have removed every card
> one by one and still get the error code when I turn it on. Anyone have an
> idea as to what this code is ?
>
> The reason I am rushing is that I was thinking to give him a taste of
> Internet for the holidays. I can set up the account right now with defaults
> and deal with the subscription issue over the phone once I leave. Not only
> that but he can be back on APRS while I am gone and possibly track me if I
> can find a GATE in range of NNJ.
>
> Rich Garcia N2CZF
> Jupiter Farms Florida
> n2czf@magg.net
> <http://www.magg.net/~n2czf/aprs.html>
> <http://www.magg.net/~n2czf/index.html>

CHECK YOUR MEMORY CONFIGURATION!

I have seen this when the wrong bank is filled first, or the memory Simm
is incompatible to the board, or one of the simm strips is not
completely seated.

You will not get any video or anything, is the PC is not seeing the RAM
first..

Hope this helps!

De AAÿMM Ross.

From baack@maine.maine.edu Mon Dec 23 11:49:26 1996

Received: from monet.umecut.maine.edu (root@monet.umecut.maine.edu
[130.111.119.172]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA01152 for
<aprssig@tapr.org>; Mon, 23 Dec 1996 11:49:24 -0600 (CST)

Received: from default (conan.umecut.maine.edu [130.111.119.48]) by
monet.umecut.maine.edu (8.8.4/8.8.0) with SMTP id NAA15073 for <aprssig@tapr.org>;
Mon, 23 Dec 1996 13:49:28 -0500

Message-Id: <199612231849.NAA15073@monet.umecut.maine.edu>

Comments: Authenticated sender is <@>

From: "Jason Baack" <baack@maine.maine.edu>

To: aprssig@tapr.org

Date: Mon, 23 Dec 1996 12:49:37 +0000

Subject: Delormes Tripmate GPS

Reply-to: baack@monet.UMECUT.MAINE.EDU

Priority: normal

X-mailer: Pegasus Mail for Win32 (v2.42a)

Greetings all,

I am a newbie to the group and was wondering a basic question.

Can the GPS that is in Delorme's "Tripmate" package (map CD + GPS receiver) be utilized to work with the APRS software for amateur use?

The cost is right (\$150 ish..) I was wondering if it was possible.

Thanks for any help.

Jason N1RWY
Jason K. Baack
Cutler Health Center
Electronic Communications Coordinator
Voice: 207.581.4140
Fax: 207.581.3997
<http://www.umecut.maine.edu>
Email:baack@maine.edu

From DBORCHER@nogmail.gi.com Mon Dec 23 12:14:55 1996
Received: from ariel.gi.com (ariel.gi.com [168.84.84.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA02664 for <aprssig@tapr.org>; Mon, 23 Dec 1996 12:14:53 -0600 (CST)
Received: from gismtpgate.gi.com (po1.gi.com) by GI.COM (PMDf V5.0-6 #7516) id <01IDCGN0EGU0BW9XHR@GI.COM> for aprssig@tapr.org; Mon, 23 Dec 1996 10:14:49 -0700 (PDT)
Received: by gismtpgate.gi.com with Microsoft Mail id <32BECAAC@gismtpgate.gi.com>; Mon, 23 Dec 1996 10:08:44 -0800 (PST)
Date: Mon, 23 Dec 1996 11:19:00 -0800 (PST)
From: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>
Subject: RE: [APRSSIG:7615] Re: HF tones.
To: aprssig <aprssig@tapr.org>
Message-id: <32BECAAC@gismtpgate.gi.com>
X-Mailer: Microsoft Mail V3.0
Content-transfer-encoding: 7BIT
Encoding: 34 TEXT

The AEA DSP232 has two "modems" in DSP which will allow selection of either 1600/1800 Hz or 2125/2325 Hz. I find the low tones work better on both Tx and Rx thru my FT900.

K7NG

From: aprssig
To: aprssig
Subject: [APRSSIG:7615] Re: HF tones.
Date: Monday, December 23, 1996 10:33AM

> Some MFRs still use only the original 170 HZ shift
> used for 60 WPM RTTY and never even changed for the 200 Hz shift for
> ASCII.. Lets fill in another table:
>
> HF TNC LOW CENTER HIGH SHIFT

> -----	----	-----	-----	-----	
> BELL 202	2025	2125	2225	200	The original standard for 300 baud
> KAM (old)	1600	1700	1800	200	
> KAM Plus	?	?	?	?	
> MFJ 1270/74B	?	1700	?	?	Only the 1700 is ref'ed in manual
> MFJ 1270/74c	2125	2210	2295	170	(I think)
> MFJ 1278	2125	2210	2295	170	

PK-88	2025	?	2225	200	PER MANUAL PAGE 4-20
> PK-232	?	?	?	?	
> PK-2232	?	?	?	?	
> PK-900	?	?	?	?	
> DSP-12	2125	2225	2325	200	(Wierd!)

>

I imagine that the other AEA PK2XX use the same settings ass the PK-88.

From dvanhorn@cedar.net Mon Dec 23 12:34:38 1996

Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA03828 for <aprssig@tapr.org>; Mon, 23 Dec 1996 12:34:36 -0600 (CST)

Received: from hammer.stonewest.com (and-002-23.iquest.net [206.53.241.119]) by www.cedar.net (8.6.8.1/SC05) with SMTP id SAA20572 for <aprssig@tapr.org>; Mon, 23 Dec 1996 18:33:41 GMT

Message-ID: <32BEDE53.7C23@cedar.net>

Date: Mon, 23 Dec 1996 13:32:35 -0600

From: Dave VanHorn <dvanhorn@cedar.net>

Reply-To: dvanhorn@cedar.net

Organization: <http://www.stonewest.com>

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Indianapolis, Dayton area

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I'm new to APRS. :)

I've got it installed and on, and my TNC tuned to 145.790(S)

I haven't heard anyone in 24 hrs+

Am I on the wrong freq here, or am I in the middle of an "aprs wasteland"?

My QTH is in Muncie, around 40:14N, 85:22W.

I'm running 1W into a discone at 20'. This has done well locally on packet, and can be copied easily at 5 miles with an HT.

Thanks

From sproul@ap.org Mon Dec 23 12:57:58 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA04618 for <aprssig@tapr.org>; Mon, 23 Dec 1996 12:57:56 -0600 (CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id NAA04339; Mon, 23 Dec 1996 13:51:28 -0500

X-Sender: sproul@165.1.6.1

Message-Id: <v03007809aee47fa5341e@[165.1.27.20]>

In-Reply-To: <199612231849.NAA15073@monet.umecut.maine.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 23 Dec 1996 13:28:32 -0500

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: Re: [APRSSIG:7619] Delormes Tripmate GPS

>Greetings all,

>I am a newbie to the group and was wondering a basic question.

>

>Can the GPS that is in Delorme's "Tripmate" package (map CD + GPS receiver) be utilized to work with the APRS software for amateur use?

>

>The cost is right (\$150 ish..) I was wondering if it was possible.

>

>Thanks for any help.

>

The next release of WinAPRS and MacAPRS will support the tripmate, I hope to have this release out REAL soon. (by tomorrow I hope)

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From kc5ejk@onramp.net Mon Dec 23 12:58:30 1996

Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04640 for <aprssig@tapr.org>; Mon, 23 Dec 1996 12:58:28 -0600 (CST)

Received: from [199.1.11.125] (dal25.onramp.net [199.1.11.125]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id MAA11171; Mon, 23 Dec 1996 12:58:16 -0600 (CST)

Message-Id: <v03007800aee47c271d76@[199.1.11.114]>

In-Reply-To: <199612231849.NAA15073@monet.umecut.maine.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 23 Dec 1996 12:31:29 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7619] Delormes Tripmate GPS
Cc: baack@maine.maine.edu

>Can the GPS that is in Delorme's "Tripmate" package (map CD + GPS
>receiver) be utilized to work with the APRS software for amateur use?
>
>The cost is right (\$150 ish..) I was wondering if it was possible.

Yes. Changes have been or are being made to all APRS version to support it.
(Per- Bob, Mark & Keith sig messages)

If you self-init the unit you can use it with current versions as it
will output almost standard NMEA data.

I paid \$125 plus 5 postage.

You will need the \$39 power adapter or make your own power supply,
as the basic unit is only battery powered.

It is a good deal if you need the SA4 software.
SA4 runs a bit slow on my Softwindows Mac.

<ftp://sundae.triumf.ca/pub/peter/tripmate.faq>

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From jkozak@erols.com Mon Dec 23 12:58:44 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04659 for <aprssig@tapr.org>; Mon, 23
Dec 1996 12:58:40 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp2.erols.com (8.7.5/8.7.3) with SMTP id NAA18807 for <aprssig@tapr.org>; Mon,
23 Dec 1996 13:58:23 -0500 (EST)
Date: Mon, 23 Dec 1996 13:58:23 -0500 (EST)
Message-Id: <199612231858.NAA18807@smtp2.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Fw: SA4 in Black and White

I haven't tried it yet but this message may help if you
are running a monochrome laptop....

JWK

```
>-----
>> From: Joe Krantz <joe.krantz@symbios.com>
>> Newsgroups: sci.geo.satellite-nav
>> Subject: SA4 in Black and White
>> Date: Monday, December 23, 1996 11:59 AM
>>
>> I copied SA4 to my old B&W laptop, and was unimpressed with the
>> shades of grey displayed for the various colors.
>>
>> I didn't find any help in the limited documentation,
>> so I went poking around and found the file COLOR.CLR
>> which defines the colors used for the map display.
>> There are other .CLR files, and I have no idea what
>> they are used for.
>>
>> I spent some time determining what each of the colors
>> as used for (and some of the colors defined in the
>> file do not appear to be used at all), and remapped
>> the appropriate colors to black or white. I used
>> a light grey for water and a dark grey for parks.
>>
>> Attached is my B&W color definitions. Note that the first
>> number is the color number, the second three numbers on
>> each line are the RGB (Red Green Blue) values that define the
>> color, everything else is a comment. Lines with seven numbers are
>> the lines I have changed, the last three numbers are the original color
>> definition for reference. I have added comments, generally after
>> the "***" which describe what I think the colors are used for.
>>
>> Joe
>> ATLAS4\COLOR.CLR
>>
>-----
>> ; Color.clr edited 3-4-96 by Jeff D.
>> ; B&W definitions by Joe.Krantz@Symbios.com
>>
>> 0    0    0    0 black *** labels, grids, symbol outlines, some symbols
>> 1  255 255 255 white *** center line of interstate and xxx, background on
>> interstate labels and state
>> route labels
>> 2    0    0    0 255 255    0 yellow_70_ko    *** City, Exit, Point of
>> Interest, State Boundry, National
>> Boundry
>> 3    0    0    0 255 128    0 orange *** Locale & County Seat symbols
>> 4    0    0    0    0 255    0 green *** Park/Reservation(tree symbol),
>> Zipcode Boundry, State Capital
>> (star)
>> 5    0    0    0 255    0    0 red *** interstate & Hospital SYMBOLs ***
>> 6    0    0    0    0 255 255 cyan *** Geographic Feature(inverted triangle)
>> 7    0    0    0    0    0 255 blue *** interstate SYMBOL, water LABELs,
```

```

>Lake/Ocean1
>> 8    0    0    0 158 158 158 dk_gray    *** Utility/Pipe, Railroad
>> 9    0    0 128 dk_blue ??????
>> 10   0    0    0    0 128    0 dk_green    *** Small Town, *some* County
>Border center lines
>> 11   0    0    0 pale_cyan ??????
>> 12   0    0    0 177 126 20 dk red        ** Trail, Cemetery ***
>> 13   0    0    0 255    0 255 magenta    *** Summit(triangle), Mega
>City(diamond)
>> 14 255 255 255 255 255 209 land_tint_pale_yellow *** land ***
>> 15 192 192 192 192 192 10k_military_op ??????
>> 21 190 209 188 Military Reservations ??????
>> 22 221 192 166 Tribal lands ??????
>> 23 255 255 192 1000-3000.screen_3000-7000.print_20y ??????
>> 24 255 255 162 3000-7000.screen_7000-10000.print_40y ??????
>> 25 255 255 255 254 235 146 Urbans/Populated areas (jc) *** Population
>Center
>> 26 179 231 255 ??????
>> 27 255 255 255 210 174 2 mud_rock_sand_10m_40y_20k *** Sand/Rock(tint)
>> 33 252 241 228 oil/gas_fields ??????
>> 34 255 255 255 70 236 166 *** Inundated Area ***
>> 39 236 250 251 salt_pans ??????
>> 41 226 217 211 quarries ??????
>> 45 153 255 255 below_sea_level ??????
>> 48 130 245 135 state_forest/park(experimental_color) (jc) ??????
>> 49 110 235 115 nat_forest/park (jc)
>> 50 255    0    0 96 192 96 green 2 (jc) *** Toll Highway, City Park ***
>> 51    0    0    0 255 128 128 red 3 (jc) ** local road (and local road
>outline at mag 15 & 16),
>> ;          stateroute, major connector *** not us highway
>> 52 255 127    0 160 160 255 cyan 2 (jc) *** river/canal, intermittent
>river
>> 53 96 96 255 blue 2 (jc) ??????
>> 54    0    0    0 123 123 255 dk blue 2 (jc) *** interstate/limited access,
>Limited Access
>> 55 255 255    0 208 224 255 pale cyan 2 (jc) *** Lake, Water,
>Wetland*tint, Lake/Ocean2
>> 56    0    0    0 255 96 96 red 2 (jc) *** US Highway, Primary State Route,
>Major Hiway, Major Road ***
>> 57    0    0    0 210 212 214 mag 16 hwy 160 160 lt gray 2 (jc) County
>Boundry & County Boundry Highlight
>> 58 128 0 255 color for the preffered route ??????
>> 59 255 255 255 160 255 160 Woodlands *** Woodlands(tint)
>>
>>
>-----
>>
>
>

```

From baack@maine.maine.edu Mon Dec 23 13:02:45 1996

Received: from monet.umecut.maine.edu (root@monet.umecut.maine.edu
[130.111.119.172]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id NAA04813 for

<aprssig@tapr.org>; Mon, 23 Dec 1996 13:02:44 -0600 (CST)
Received: from default (conan.umecut.maine.edu [130.111.119.48]) by
monet.umecut.maine.edu (8.8.4/8.8.0) with SMTP id PAA15215 for <aprssig@tapr.org>;
Mon, 23 Dec 1996 15:02:51 -0500
Message-Id: <199612232002.PAA15215@monet.umecut.maine.edu>
Comments: Authenticated sender is <@>
From: "Jason Baack" <baack@maine.maine.edu>
To: aprssig@tapr.org
Date: Mon, 23 Dec 1996 14:03:00 +0000
Reply-to: baack@monet.UMECUT.MAINE.EDU
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42a)

Greetings all,

I am a newbie to the group and was wondering a basic question.

Can the GPS that is in Delorme's "Tripmate" package (map CD + GPS receiver) be utilized to work with the APRS software for amateur use?

The cost is right (\$150 ish..) I was wondering if it was possible.

Thanks for any help.

Jason N1RWY
Jason K. Baack
Cutler Health Center
Electronic Communications Coordinator
Voice: 207.581.4140
Fax: 207.581.3997
<http://www.umecut.maine.edu>
Email:baack@maine.edu

Jason K. Baack
Cutler Health Center
Electronic Communications Coordinator
Voice: 207.581.4140
Fax: 207.581.3997
<http://www.umecut.maine.edu>
Email:baack@maine.edu

From jkozak@erols.com Mon Dec 23 13:19:20 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA05744 for <aprssig@tapr.org>; Mon, 23
Dec 1996 13:19:12 -0600 (CST)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp2.erols.com (8.7.5/8.7.3) with SMTP id OAA20957 for <aprssig@tapr.org>; Mon,
23 Dec 1996 14:19:07 -0500 (EST)
Date: Mon, 23 Dec 1996 14:19:07 -0500 (EST)
Message-Id: <199612231919.OAA20957@smtp2.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: SA4 in Black and White

A follow-up to a message I just forwarded to the sig.
I was just about to edit the 'color.clr' file in SA4 for monochrome when I noticed a file called 'bw.clr'. They already have the setup for monochrome displays. No mention of the file in the Docs so I guess I'll just rename it to 'color.clr' and see what happens!

John Kozak; N3AGG
jkozak@erols.com

From rsellers@rockford.com Mon Dec 23 13:37:20 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA06781 for <aprssig@tapr.org>; Mon, 23 Dec 1996 13:37:18 -0600 (CST)
X-ROUTED: Mon, 23 Dec 1996 13:37:28 -0500
Received: from rsellers [206.230.91.31] by rockford.com with smtp id ANCEDKBE ; Mon, 23 Dec 1996 13:36:58 -0500
Message-Id: <3.0.32.19961223133448.006c36d0@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Mon, 23 Dec 1996 13:34:50 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7621] Indianapolis, Dayton area
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:54 PM 12/23/96 -0500, you wrote:

>I'm new to APRS. :)
>I've got it installed and on, and my TNC tuned to 145.790(S)
>I haven't heard anyone in 24 hrs+
>Am I on the wrong freq here, or am I in the middle of an "aprs
>wasteland"?
>My QTH is in Muncie, around 40:14N, 85:22W.
>I'm running 1W into a discone at 20'. This has done well locally on
>packet, and can be copied easily at 5 miles with an HT.
>
>Thanks
>
>

You might try a vericle or beam toward Indianapolis or Chicago. I suspect if your using a radio shack type discone, that may the problem. I'm in Rockford, and regulaly see some stations in NW Indiana. Try changing antennas if you have a different one. Also try to find out if there is anyone else in the area running APRS. If they are on a tower, you may be able to link thru it.

73,

Roger Sellers KB9LBU
email: Home rsellers@rockford.com
KB9LBU@juno.com
Work rsellers@snds.com

From truxenia@erinet.com Mon Dec 23 13:39:42 1996
Received: from erinet.com (eri.erinet.com [207.0.229.18]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA06881 for <aprssig@tapr.org>; Mon, 23 Dec 1996
13:39:41 -0600 (CST)
Received: from truxenia (dlp162.dayton.eri.net [207.90.116.194]) by erinet.com
(8.8.0/8.8.0) with ESMTP id OAA23378 for <aprssig@tapr.org>; Mon, 23 Dec 1996
14:39:15 -0500 (EST)
Message-Id: <199612231939.OAA23378@erinet.com>
From: "Truman Boerkoel" <truxenia@erinet.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7621] Indianapolis, Dayton area
Date: Mon, 23 Dec 1996 14:37:52 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Dave,

We have a number of APRS Stations in the Dayton area with the
closest to you being near
the Brookville area near I70 about 56 airline miles from you.

Vry 73 de Tru K8JUG
truxenia@erinet.com

> From: Dave VanHorn <dvanhorn@cedar.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7621] Indianapolis, Dayton area
> Date: Monday, December 23, 1996 1:41 PM
>
> I'm new to APRS. :)
>
> I've got it installed and on, and my TNC tuned to 145.790(S)
>
> I haven't heard anyone in 24 hrs+
>
> Am I on the wrong freq here, or am I in the middle of an "aprs
> wasteland"?
>
> My QTH is in Muncie, around 40:14N, 85:22W.

>
> I'm running 1W into a discone at 20'. This has done well locally on
> packet, and can be copied easily at 5 miles with an HT.
>
> Thanks
>

From kb6lfm@ix.netcom.com Mon Dec 23 14:24:52 1996
Received: from dfw-ix2.ix.netcom.com (dfw-ix2.ix.netcom.com [206.214.98.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA09287 for <aprssig@tapr.org>; Mon, 23
Dec 1996 14:24:50 -0600 (CST)
Received: from -kb6lfm (ala-ca33-19.ix.netcom.com [199.35.209.115]) by dfw-
ix2.ix.netcom.com (8.6.13/8.6.12) with SMTP id MAA18682 for <aprssig@tapr.org>;
Mon, 23 Dec 1996 12:24:16 -0800
Message-ID: <32BEEA6F.74B9@ix.netcom.com>
Date: Mon, 23 Dec 1996 12:24:15 -0800
From: kb6lfm <kb6lfm@ix.netcom.com>
Reply-To: kb6lfm@ix.netcom.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: TNC config for HF
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

G'day SIG

In my experience on the HF digital modes (HF Packet, ASCII, AMTOR, RTTY,
PACTOR & G-TOR) I have found the following to be the Internationally
excepted standard.

MARK 2125
SPACE 2295
SHIFT 170

MOST TNC's worth their salt, are easily programed to the above config.

I find the 500Hz filter to be to wide at this noisy QTH. 270Hz is more
to my liking, BUT... a 270Hz (CW/Digital) filter (in most cases) will
either have to be installed in the rig's SSB socket, or the station will
have to run FSK, which in my opinion is the only way to go.

Oh..., UI PACTOR is actually Forward Error Correcting (FEC).

Bill/LFM

APRS Gateway Stn. for the West Coast

From n0lrf@amsat.org Mon Dec 23 14:49:41 1996
Received: from arthur.computer-services.com (arthur.computer-services.com
[206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA10510 for
<aprssig@tapr.org>; Mon, 23 Dec 1996 14:49:37 -0600 (CST)
Received: from pm6_01.computer-services.com (pm6_01.computer-services.com

[206.101.232.148]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id OAA10054 for <aprssig@tapr.org>; Mon, 23 Dec 1996 14:49:47 -0600
Message-ID: <32BF0A28.76F@amsat.org>
Date: Mon, 23 Dec 1996 14:39:37 -0800
From: Paul Stump <n0lr@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7606] GPS difference
References: <199612231415.JAA04597@smtest.usit.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

James Kerns wrote:

> I have a Garman 50 which I've used a couple times from Tn. to West Coast.
> Is there a good reason to change to another GPS unit that is better and
> won't have to change wiring? I notice some of the Ads have some sort of map
> on the readout page. I have never used mine for anything but APRS. Someone
> advise, please.

Hi Jim, the GPS 50 is fine for APRS NMEA input. It's a generation old and the newer units fix their position a bit faster and have bells & whistles (like real geographical maps). But of course, they cost more...

If you're doing APRS, the 50 is fine unit.

Happy Holidays &

--

73, Paul, n0lr@amsat.org

From n0lr@amsat.org Mon Dec 23 14:55:12 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id OAA10735 for <aprssig@tapr.org>; Mon, 23 Dec 1996 14:55:09 -0600 (CST)
Received: from pm6_01.computer-services.com (pm6_01.computer-services.com [206.101.232.148]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id OAA10127 for <aprssig@tapr.org>; Mon, 23 Dec 1996 14:55:21 -0600
Message-ID: <32BF0D82.7870@amsat.org>
Date: Mon, 23 Dec 1996 14:53:54 -0800
From: Paul Stump <n0lr@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7607] Re: APRS 40m HF discussion
References: <Pine.GS0.3.95.961223095236.28906B-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

> APRSdos REPLY/COMMENT: I expect the shortwave QRM in the evenings, but the
> intent is a daytime near-vertical-incidence HF reporting frequency for
> mobiles out a few hundred miles... With thees criteria, can we find a
> freq that may be totally useless at night, but which is usable during the
> day? Don't think DX frequency or DX antennas. What you want is near
> vertical incidence. Hummh, or is N-V-I even better on 80m? We know
> that 80m multipath in the evenings makes 300 baud packet useless... But
> during the day, there should be no multipath... just very weak sigs..

Been on 7.085.00 LSB most of the day...some QRM, but not too bad. Will
camp out there over Christmas. Any & all reports/advice are very
welcome...watching for Pete tonight and anyone else...so far no one
else.

>From near Kansas City, Happy Holidays &

73, Paul, n01rf@amsat.org

From dvanhorn@cedar.net Mon Dec 23 14:59:57 1996

Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA11010 for <aprssig@tapr.org>; Mon, 23 Dec 1996
14:59:55 -0600 (CST)

Received: from hammer.stonewest.com (and-002-23.iquest.net [206.53.241.119]) by
www.cedar.net (8.6.8.1/SC05) with SMTP id UAA20971 for <aprssig@tapr.org>; Mon, 23
Dec 1996 20:59:01 GMT

Message-ID: <32BF0062.6EB1@cedar.net>

Date: Mon, 23 Dec 1996 15:57:54 -0600

From: Dave VanHorn <dvanhorn@cedar.net>

Reply-To: dvanhorn@cedar.net

Organization: http://www.stonewest.com

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7627] Re: Indianapolis, Dayton area

References: <3.0.32.19961223133448.006c36d0@rockford.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Roger Sellers wrote:

>

> At 12:54 PM 12/23/96 -0500, you wrote:

> >I'm new to APRS. :)

> >I've got it installed and on, and my TNC tuned to 145.790(S)

> >I haven't heard anyone in 24 hrs+

> >Am I on the wrong freq here, or am I in the middle of an "aprs

> >wasteland"?

> >My QTH is in Muncie, around 40:14N, 85:22W.

> >I'm running 1W into a discone at 20'. This has done well locally on

> >packet, and can be copied easily at 5 miles with an HT.

> >

> >Thanks

> >

> >

> You might try a vericle or beam toward Indianapolis or Chicago. I suspect
> if your using a radio shack type discone, that may the problem. I'm in
> Rockford, and regulaly see some stations in NW Indiana. Try changing
> antennas if you have a different one. Also try to find out if there is
> anyone else in the area running APRS. If they are on a tower, you may be
> able to link thru it.
>

That was the main purpose of posting here, finding our who is active near me, and what I might be doing wrong in freq. The TNC and radio have been together a LONG time, and all I did was dial it over to APRS.

I'm going to try a beam tonight (I hope) and see what that gets into either Dayton or Indy. Chicago is a BIT of a haul for me, especially at 1W. I could add power, but that seems the wrong way to solve the problem.

Thanks.

From dvanhorn@cedar.net Mon Dec 23 15:02:02 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA11100 for <aprssig@tapr.org>; Mon, 23 Dec 1996 15:02:00 -0600 (CST)
Received: from hammer.stonewest.com (and-002-23.iquest.net [206.53.241.119]) by www.cedar.net (8.6.8.1/SC05) with SMTP id VAA20980 for <aprssig@tapr.org>; Mon, 23 Dec 1996 21:01:06 GMT
Message-ID: <32BF00DF.2D52@cedar.net>
Date: Mon, 23 Dec 1996 15:59:59 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: <http://www.stonewest.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7628] Re: Indianapolis, Dayton area
References: <199612231939.0AA23378@erinet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Truman Boerkoel wrote:

>
> Hi Dave,
>
> We have a number of APRS Stations in the Dayton area with the
> closest to you being near
> the Brookville area near I70 about 56 airline miles from you.
>

What do you think my odds are at 1W into a 4 el beam? 56 miles makes it JUST farther than indy, but I'm more interested in what's going on over this way rather than indy.

Once enough stations get on, this is going to be VERY slick.

From bruninga@nadm.navy.mil Mon Dec 23 15:03:40 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA11369 for <aprssig@tapr.org>; Mon, 23
Dec 1996 15:03:38 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id QAA04504 for <aprssig@tapr.org>; Mon, 23 Dec 1996
16:08:55 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Dec 1996 16:08:55 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
Reply-To: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: APRS77f.zip Posted
Message-ID: <Pine.GS0.3.95.961223160603.4187A-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This has only a few changes so download only if these items affect you.
I posted only the APRS77f.zip and the upgrade from 77eto77f.zip. Here
are changes. If they DO affect you, please try it out...

Ver 77f: Fixed zoom-to-far crashes by increasing minimum zoom by 2
* IMPORTANT FOR HF: Put HF Alias in Config 6th line of CFG file. Change
-1,4800,0 to -1,4800,ECHO if you want to use old CFG file...
* Modified Mic TELEMETRY format to include 5 analog channels instead of 4
to be compatible with MIM format. Only 4 are still used. See MIC-E.txt
* Manual WX entries will die after 30 minutes. The WX report remains but
the station symbol changes to a dot, making it NOT wx.
* Fixed WX fade to gray still showing CALLsign..
* Tried again to fix "APRS did not see a digipeat message....
* MAPFIX29 modified to overlay COMPRESSED maps and now all of my standard
dists of maps will be in compressed format for double the load speed

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From sdimse@bridge.net Mon Dec 23 15:57:13 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA14684 for <aprssig@tapr.org>; Mon, 23
Dec 1996 15:57:10 -0600 (CST)
Received: from [199.174.168.9] (dd77-009.compuserve.com [199.174.168.9]) by
newworld.bridge.net (8.8.3/8.8.3) with SMTP id QAA06339 for <aprssig@tapr.org>;
Mon, 23 Dec 1996 16:57:03 -0500 (EST)
Message-Id: <199612232157.QAA06339@newworld.bridge.net>
Subject: Re: [APRSSIG:7622] Re: Delormes Tripmate GPS
Date: Mon, 23 Dec 96 16:57:33 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>

Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>>Can the GPS that is in Delorme's "Tripmate" package (map CD + GPS
>>receiver) be utilized to work with the APRS software for amateur use?
>>
>>The cost is right (\$150 ish..) I was wondering if it was possible.
>>
>>Thanks for any help.
>>
>
>
>
>The next release of WinAPRS and MacAPRS will support the tripmate, I hope
>to have this release out REAL soon. (by tommorrow I hope)
>
But you don't have to wait, if you re-wire the serial port to send tie
the input and output of the tripmate together. Not only is the price
right, it is an excellent unit.

Steve K4HG

From n1nfc@eagnet.com Mon Dec 23 16:22:21 1996
Received: from eagnet.com (eagnet.com [199.76.206.51]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA15784 for <aprssig@tapr.org>; Mon, 23 Dec 1996
16:22:20 -0600 (CST)
Received: from bill.eagnet.com (199.76.206.101) by eagnet.com
(EMWAC SMTPRS 0.81) with SMTP id <B0000122609@eagnet.com>;
Mon, 23 Dec 1996 17:23:03 -0500
Message-ID: <B0000122609@eagnet.com>
Comments: Authenticated sender is <n1nfc@eagnet.com>
From: "Bill Carreira Jr." <n1nfc@eagnet.com>
To: aprssig@tapr.org
Date: Mon, 23 Dec 1996 17:22:07 -500
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: FTP sites
Reply-to: n1nfc@eagnet.com
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.50)

What are the common ftp sites that used to retrieve
APRS files?

Thanks

Bill Carreira Jr. Email:n1nfc@eagnet.com
Kingsland, GA 31548 n1nfc@hotmail.com
Ph:912-729-5287 n1nfc@aol.com
Data:912-729-6067 AMPR:n1nfc@ampr.america.com
Pager:800-959-0740 NAVY:ETC_Carreira@trfkb-emh1.navy.mil
<http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

From rboost@itexas.net Mon Dec 23 16:35:23 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA16261 for <aprssig@tapr.org>; Mon, 23
Dec 1996 16:35:21 -0600 (CST)
Received: from rboost.itexas.net ([207.22.198.49]) by mailhost.itexas.net
(post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA88
for <aprssig@tapr.org>; Mon, 23 Dec 1996 16:34:10 -0600
From: rboost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: North Pole
Date: Mon, 23 Dec 1996 16:32:09 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1160
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19961223223409457.AAA88@rboost.itexas.net>

Look to the North Pole if you have HF APRS or have a GATE in your area.
Looks like Santa is getting ready!

Roy Bost, N5TAM
Granbury, Tx.
rboost@itexas.net
32 25' 33"N 97 48' 59"W

From n1nfc@eagnet.com Mon Dec 23 16:54:50 1996
Received: from eagnet.com (eagnet.com [199.76.206.51]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA16982 for <aprssig@tapr.org>; Mon, 23 Dec 1996
16:54:48 -0600 (CST)
Received: from bill.eagnet.com (199.76.206.101) by eagnet.com
(EMWAC SMTPRS 0.81) with SMTP id <B0000122643@eagnet.com>;
Mon, 23 Dec 1996 17:55:32 -0500
Message-ID: <B0000122643@eagnet.com>
Comments: Authenticated sender is <n1nfc@eagnet.com>
From: "Bill Carreira Jr." <n1nfc@eagnet.com>
To: aprssig@tapr.org
Date: Mon, 23 Dec 1996 17:54:36 -500
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: APRS files?
Reply-to: n1nfc@eagnet.com
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.50)

What ftp site do I use to aquire the APRS files?

Bill Carreira Jr. Email:n1nfc@eagnet.com
Kingsland, GA 31548 n1nfc@hotmail.com
Ph:912-729-5287 n1nfc@aol.com

Data:912-729-6067 AMPR:n1nfc@ampr.america.com
Pager:800-959-0740 NAVY:ETC_Carreira@trfkb-emh1.navy.mil
<http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

From jkerns@usit.net Mon Dec 23 17:11:47 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA18138 for <aprssig@tapr.org>; Mon, 23 Dec 1996
17:11:45 -0600 (CST)
Received: from LOCALNAME (bway-slip98.dynamic.usit.net [204.194.172.144]) by
smtest.usit.net (8.7.5/8.6.12) with SMTP id SAA23341 for <aprssig@tapr.org>; Mon,
23 Dec 1996 18:19:54 -0500 (EST)
Date: Mon, 23 Dec 1996 18:19:54 -0500 (EST)
Message-Id: <199612232319.SAA23341@smtest.usit.net>
X-Sender: jkerns@pop.usit.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>
Subject: Re: [APRSSIG:7630] Re: GPS difference

snip--->Hi Jim, the GPS 50 is fine for APRS NMEA input. It's a generation old
>and the newer units fix their position a bit faster and have bells &
>whistles (like real geographical maps). But of course, they cost more...

>
>If you're doing APRS, the 50 is fine unit.

>
>Happy Holidays &

>
>--
>73, Paul, n01rf@amsat.org

>
>
paul thanks, you answered my questions. Merry Christmas

>
>
Jim Kerns
N4PUQ
jkerns@usit.net
Oliver Springs, Tn.
(just outside Oak Ridge where everyone glows in the dark!!)

From alanwc7r@primenet.com Mon Dec 23 18:18:08 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21017; Mon, 23 Dec 1996 18:18:05 -0600
(CST)
Received: from wc7r (ip222.prc.primenet.com [204.212.56.222]) by primenet.com
(8.8.3/8.8.3) with SMTP id RAA17409; Mon, 23 Dec 1996 17:17:10 -0700 (MST)
Message-Id: <2.2.32.19961224001745.006822c8@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Mon, 23 Dec 1996 17:17:45 -0700
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: Merry Christmas

It is the time of year that our thoughts turn to joy and our friends. Carol and I want to take this opportunity to wish you a very heart felt "Merry Christmas". May all your dreams and wishes come true, and may Santa find your chimney without difficulty.

73, Alan & Carol Unangst

Alan K. Unangst, WC7R
Phone: (520) 445-1465
E-mail: alanwc7r@primenet.com
Amateur Radio Packet: WC7R @ KB7FRV

From wb8vji@tir.com Mon Dec 23 18:30:23 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21794 for <aprssig@tapr.org>; Mon, 23 Dec 1996 18:30:20 -0600 (CST)
Received: from wb8vji (ow53.tir.com [205.218.77.54]) by tir.com (8.7.5/8.7) with ESMTP id TAA09794 for <aprssig@tapr.org>; Mon, 23 Dec 1996 19:29:45 -0500 (EST)
Message-Id: <199612240029.TAA09794@tir.com>
From: "wb8vji" <wb8vji@tir.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7611] HF tones.
Date: Mon, 23 Dec 1996 19:30:24 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7611] HF tones.
> Date: Monday, December 23, 1996 10:34 AM
>
> My OLD KAMs used 1600 and 1800 HZ tones for HF (center freq of 1700 hz).
> I believe some others use 2125 Hz, and others 2110? Since I am designing
> a XTAL controlled HF DATA Xcvr for APRS, I need to be pretty sure of
> everyone's tones. Some MFRs still use only the original 170 HZ shift
> used for 60 WPM RTTY and never even changed for the 200 Hz shift for
> ASCII.. Lets fill in another table:
>
> HF TNC LOW CENTER HIGH SHIFT
> ----- ---- -----
> BELL 202 2025 2125 2225 200 The original standard for 300

baud					
> KAM (old)	1600	1700	1800	200	
> KAM Plus	?	?	?	?	
> MFJ 1270/74B	?	1700	?	?	Only the 1700 is ref'ed in manual
> MFJ 1270/74c	2125	2210	2295	170	(I think)
> MFJ 1278	2125	2210	2295	170	
> PK-232	?	?	?	?	

Bob my pk232 says 2110 2210 2310 200

> PK-2232	?	?	?	?	
> PK-900	?	?	?	?	
> DSP-12	2125	2225	2325	200	(Wierd!)

>

> Don't worry, my design will accomodate all of the above, but I need a
> baseline for optimizing the design...

>

> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
> GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>
>
>

From w2g3zfej@unix.asb.com Mon Dec 23 18:31:07 1996
Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA21848 for <aprssig@tapr.org>; Mon, 23 Dec 1996
18:31:06 -0600 (CST)
Received: from default (sfs27.asb.com [165.254.128.37]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id TAA05082 for <aprssig@tapr.org>; Mon, 23 Dec 1996
19:33:10 -0500
Message-ID: <32BF23E1.7BF4@unix.asb.com>
Date: Mon, 23 Dec 1996 19:29:21 -0500
From: bob <w2g3zfej@unix.asb.com>
Reply-To: w2g3zfej@unix.asb.com
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Adaptive Tracker reporting rate
References: <Pine.GS0.3.95.961223160603.4187A-1000000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks and Seasons Greetings!

As I have this week off work, I have managed to complete a project I
have had on the 'back burner' for a lonnnng time.

My GPS Engine (A Magnavox unit) only outputs GGA and VTG sentences, in
order to save bandwidth I programmed a small microcontroller (the DOMINO

from Micromint) to synthesize an RMC sentence from the GGA and VTG. This has worked fine for the last 6 months.

Now, the DOMINO was using only 384 bytes out of the 32k available so I thought I would 'tap into' the programming power available and use it to change the trackers reporting rate according to how fast I was proceeding. My initial test, which I got working today, was to set the reporting rate to low (once every 15 mins) if the VTG sentence reported a speed less than 10 knots for >1 min. If the speed was >10knots it would immediately revert back to high (once a minute).

This seems to work OK, my 'only' bug to date has been that if it loses lock it reverts to fast reporting rate. I'll fix that tomorrow!

If anyone is interested I will post the info, program etc in the APRS section of my home page (<http://www.asb.com/usr/w2g3zfj/aprs1.htm>). Let me know if you want it.

Now what I'd like to do next is to get the DOMINO to wake up every 15 mins, power on the GPS, get a fix and then broadcast it. Ideally I'd like to let the system run all the time but I find that if I don't run the car every day then the battery dies, especially in the cold!

73 de bob w2/g3zfj

w2g3zfj@unix.asb.com

From ku0g@sprynet.com Mon Dec 23 19:37:18 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA24483 for <aprssig@tapr.org>; Mon, 23 Dec 1996 19:37:17 -0600 (CST)

Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id RAA23062 for <aprssig@tapr.org>; Mon, 23 Dec 1996 17:37:08 -0800

Date: Mon, 23 Dec 1996 17:37:08 -0800

Message-Id: <199612240137.RAA23062@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Jim Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:7636] FTP sites

At 16:25 12/23/96 -0600, you wrote:

>What are the common ftp sites that used to retrieve

>APRS files?

>

>Thanks

Please feel free to download from [ftp.kcpr.org/files](ftp://ftp.kcpr.org/files)
or you can get there by browser at www.kcpr.org/files...

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From psc@seidata.com Mon Dec 23 21:11:29 1996
Received: from seidata.com (seidata.com [206.160.242.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA28468 for <aprssig@tapr.org>; Mon, 23 Dec 1996
21:11:28 -0600 (CST)
From: psc@seidata.com
Received: from S.E.I. (mhill-42.seidata.com [208.10.208.62]) by seidata.com
(8.7.4/8.7.3) with SMTP id WAA23251 for <aprssig@tapr.org>; Mon, 23 Dec 1996
22:11:27 -0500 (EST)
Date: Mon, 23 Dec 96 22:07:32 PST
Subject: RE: [APRSSIG:7621] Indianapolis, Dayton area
To: aprssig@tapr.org
X-Mailer: Chameleon V0.05, TCP/IP for Windows, NetManage Inc.
Message-ID: <Chameleon.961223221103.psc@S.E.I. Data.seidata.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Dave,

My QTH is Lawrenceburg, In. near Cincinnati, Ohio. We have a fair amount
of APRS here on 145.790 but I see none from the rest of Indiana. I am
alone! I would think there should be plenty but I am not seeing them.
Perhaps none are close enough to digi through the group in the In-Oh-Ky
area.

If you get some action up there maybe I can see it here too. Good luck.

Lee Kissell
8 Meyerfield Place
Lawrenceburg, In. 47025
812-537-3579 Voice & Fax

E-mail psc@seidata.com
WWW <http://www.seidata.com/~psc>

Amateur KB90BE EN79 147.285, 146.805, 146.880, 146.520

Date: 12/23/96

----- end of mail

From psc@seidata.com Mon Dec 23 21:21:19 1996
Received: from seidata.com (seidata.com [206.160.242.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA29303 for <aprssig@tapr.org>; Mon, 23 Dec 1996
21:21:16 -0600 (CST)
From: psc@seidata.com
Received: from S.E.I. (mhill-42.seidata.com [208.10.208.62]) by seidata.com

(8.7.4/8.7.3) with SMTP id WAA23598 for <aprssig@tapr.org>; Mon, 23 Dec 1996
22:21:15 -0500 (EST)
Date: Mon, 23 Dec 96 22:17:41 PST
Subject: RE: [APRSSIG:7634] APRS77f.zip Posted
To: aprssig@tapr.org
X-Mailer: Chameleon V0.05, TCP/IP for Windows, NetManage Inc.
Message-ID: <Chameleon.961223222052.pscc@S.E.I. Data.seidata.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Bob,

I just mailed my registration in last Thursday. If I download the 77f version will my registration still be good? I don't want to cause myself any grief. I do get the "APRS did not see a digipeat message.." error, guess it's not me huh?

Otherwise it works great and I am having a good time with it here in Indiana! Merry Christmas.

Lee Kissell
8 Meyerfield Place
Lawrenceburg, In. 47025
812-537-3579 Voice & Fax

E-mail pscc@seidata.com
WWW <http://www.seidata.com/~pscc>

Amateur KB90BE EN79 147.285, 146.805, 146.880, 146.520

Date: 12/23/96

----- end of mail

From n1nfc@eagnet.com Mon Dec 23 22:04:13 1996
Received: from eagnet.com (eagnet.com [199.76.206.51]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA01369 for <aprssig@tapr.org>; Mon, 23 Dec 1996
22:04:11 -0600 (CST)
Received: from bill.eagnet.com (199.76.206.130) by eagnet.com
(EMWAC SMTPRS 0.81) with SMTP id <B0000123228@eagnet.com>;
Mon, 23 Dec 1996 23:04:54 -0500
Message-ID: <B0000123228@eagnet.com>
Comments: Authenticated sender is <n1nfc@eagnet.com>
From: "Bill Carreira Jr." <n1nfc@eagnet.com>
To: aprssig@tapr.org
Date: Mon, 23 Dec 1996 23:03:58 -500
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: [APRSSIG:7643] Re: FTP sites
Reply-to: n1nfc@eagnet.com
Return-receipt-to: n1nfc@eagnet.com

Priority: normal

In-reply-to: <199612240137.RAA23062@m1.sprynet.com>

X-mailer: Pegasus Mail for Win32 (v2.50)

> Date: Mon, 23 Dec 1996 19:38:40 -0600 (CST)
> Reply-to: aprssig@tapr.org
> From: Jim Duncan <ku0g@sprynet.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7643] Re: FTP sites

> At 16:25 12/23/96 -0600, you wrote:
> >What are the common ftp sites that used to retrieve
> >APRS files?
> >
> >Thanks
>
> Please feel free to download from ftp.kcaprs.org/files
> or you can get there by browser at www.kcaprs.org/files...
>
> 73 de Jim, KU0G
> Chairman/Coordinator
> Kansas City APRS Working Group
> EMail: ku0g@kcaprs.com
> EMail: ku0g@sprynet.com
>
>

Thanks for the info

73

Bill Carreira Jr. Email:n1nfc@eagnet.com
Kingsland, GA 31548 n1nfc@hotmail.com
Ph:912-729-5287 n1nfc@aol.com
Data:912-729-6067 AMPR:n1nfc@ampr.america.com
Pager:800-959-0740 NAVY:ETC_Carreira@trfkb-emh1.navy.mil
<http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

From ku0g@sprynet.com Mon Dec 23 22:45:15 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA02703 for <aprssig@tapr.org>; Mon, 23 Dec 1996
22:45:11 -0600 (CST)
Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id UAA15551 for <aprssig@tapr.org>; Mon, 23 Dec 1996
20:45:04 -0800
Date: Mon, 23 Dec 1996 20:45:04 -0800
Message-Id: <199612240445.UAA15551@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:7646] Re: FTP sites

The latest version of APRSDos (7.7f) is now available through either FTP or Netscape/Mosaic from KCAPRS.

For FTP: <ftp://ftp.kcaprs.org/files>

>From Netscape/Etc.: <http://www.kcaprs.org/files>

Upgrade file is named 77eto77f.zip

Full Release is names APRS77F.zip

Enjoy!!!

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From amirault@laraby.tiac.net Mon Dec 23 23:00:20 1996

Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA03651 for <aprssig@tapr.org>; Mon, 23 Dec 1996 23:00:19 -0600 (CST)

Received: (from amirault@localhost) by laraby.tiac.net (8.8.2/8.6.6.Beta9) id AAA08984; Tue, 24 Dec 1996 00:02:30 -0500 (EST)

Date: Tue, 24 Dec 1996 00:02:30 -0500 (EST)

From: Richard Amirault <amirault@laraby.tiac.net>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7637] Re: North Pole

In-Reply-To: <19961223223409457.AAA88@rbost.itexas.net>

Message-ID: <Pine.BSF.3.91.9612240000006.8813B-1000000@laraby.tiac.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 23 Dec 1996, Roy Bost wrote:

> Look to the North Pole if you have HF APRS or have a GATE in your area.

> Looks like Santa is getting ready!

>

> Roy Bost, N5TAM

> Granbury, Tx.

> rbost@itexas.net

> 32 25' 33"N 97 48' 59"W

Today (Mon) I noticed that someone uploaded a posit for Santa loading his sleigh...but the lat/lon put him near the equator, not the North Pole!

As the sarge on Hill Street Blues always said, "Hey, let's be carefull out there!"

Richard Amirault
amirault@tiac.net

N1JDU
"Go Fly A Kite"

Boston, Massachusetts USA

From N2ZRC@gnn.com Mon Dec 23 23:14:46 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA04568 for <aprssig@tapr.org>; Mon, 23 Dec 1996
23:14:45 -0600 (CST)
Received: from 67-43.client.gnn.com. (67-43.client.gnn.com [205.188.67.43])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id AAA17587 for <aprssig@tapr.org>;
Tue, 24 Dec 1996 00:14:08 -0500 (EST)
Message-Id: <199612240514.AAA17587@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 24 Dec 1996 00:14:51
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: 30-meter band expansion?

Hi All,

I clipped the following from "The Hudson Valley Loop," which
is put out via e-mail from the ARRL Hudson Division.

> High Frequency (3-30 MHz) Spectrum Planning Options, a
> planning document released December 13 by the National
> Telecommunications and Information Administration, says the HF
> spectrum is flexible enough "to accommodate most, if not all,"
> demands for additional HF spectrum, including new and bigger HF
> ham bands. The NTIA is an Executive Branch agency in the
> Department of Commerce that's responsible for developing
> telecommunications policy and advising the President on
> telecommunications matters. The NTIA's latest report is a
> follow-on to an NTIA study released in March 1995 (see QST, June
> 1995, page 75).
> The Options report addresses spectrum availability and long-
> range planning options for services that were identified in the
> earlier report as needing additional HF spectrum--including
> Amateur Radio. The report cites a potential 900 kHz or so of
> expanded or upgraded allocations for Amateur Radio in the HF
> spectrum, including:
> + an exclusive, worldwide allocation at 3500 to 3800 kHz
> + a new band at 4945 to 4995 kHz (additional technical
> studies would be required)
> + an "aligned worldwide" allocation at 6900 to 7200 kHz
> *****
> + expanded worldwide, primary allocations at 10100 to 10350
> and 14000 to 14400 kHz
> *****
> + expanded allocations at 18068 to 18318, 24740-24890, and
> 28000 to 30000 kHz.

=====

Just thought y'all might like to know. 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From ku0g@sprynet.com Mon Dec 23 23:48:47 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id XAA07041 for <aprssig@tapr.org>; Mon, 23 Dec 1996
23:48:45 -0600 (CST)
Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id VAA27613; Mon, 23 Dec 1996 21:48:43 -0800
Date: Mon, 23 Dec 1996 21:48:43 -0800
Message-Id: <199612240548.VAA27613@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: New Kansas Maps Posted!!!
Cc: n0lrff@amsat.org

I have posted a new set of map files for the State of Kansas! The file is
named KSMAPS01.ZIP. In it you will find many street-level maps as well as
regional maps already included in other map distributions.

The file is posted on the TAPR FTP site and the KCAWG web site
(www.kcaprs.org)...

Merry Christmas, Kansans!!!

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Tue Dec 24 00:12:02 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id AAA11190 for <aprssig@tapr.org>; Tue, 24 Dec 1996
00:11:57 -0600 (CST)
Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id WAA01904 for <aprssig@tapr.org>; Mon, 23 Dec 1996
22:11:54 -0800
Date: Mon, 23 Dec 1996 22:11:54 -0800
Message-Id: <199612240611.WAA01904@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7649] 30-meter band expansion?

>> + an exclusive, worldwide allocation at 3500 to 3800 kHz

Looks like we stand to LOSE ground here! (200 kHz in fact...)

>> + a new band at 4945 to 4995 kHz (additional technical
>> studies would be required)

OK, this will probably carry the same weight with 40 and 80 meters as the 10 MHz allocation did with 15 and 20 meters. Some potential here!!! Not sure I want it if we have to give up 200 kHz on 80 (biggest part of the phone band, but I WON'T be sorry to see 3895 go away!)

>> + an "aligned worldwide" allocation at 6900 to 7200 kHz

I doubt this one would go "unpunished"! Of course, if the broadcasters were cleared out of the DX portion then I'd say a fair exchange!!!

>>*****
>> + expanded worldwide, primary allocations at 10100 to 10350
>> and 14000 to 14400 kHz
>>*****

Oh, YES!!!

>> + expanded allocations at 18068 to 18318, 24740-24890, and
>> 28000 to 30000 kHz.

These bands are VASTLY under-utilized and this may be an opportunity for all amateurs to really expand their operations! I can see an expansion of the NOvice phone privileges on 10, more FM, too! Interesting!!!

All in all, with the exception of the loss of 200 kHz of 80 meter phone band (the home of the raving lunatic fringe and obsolete ??? traffic nets), my initial reaction is favorable...

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From tomcmugs@n-link.com Tue Dec 24 05:01:39 1996
Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA22939 for <aprssig@tapr.org>; Tue, 24 Dec 1996 05:01:38 -0600 (CST)
Received: from tomcmugs (mserver93 [206.97.138.132]) by n-link.com (8.6.12/8.6.9) with SMTP id FAA29007 for <aprssig@tapr.org>; Tue, 24 Dec 1996 05:01:36 -0600
Message-ID: <32BFD4FA.5181@n-link.com>

Date: Tue, 24 Dec 1996 05:04:58 -0800
From: Tommie Taylor <tomcmugs@n-link.com>
Organization: A1 Kustom Mugs
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: APRS 77F
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just downloaded aprs 77f and tried to unzip it..
I received a message that says there are errors in the .zip file.
I retriered the download again, Again tried to run pkunzip.
I received the same error again about a error in the .zip file..
Has anyone else had a problem to unzip the APRS77F.ZIP file?
Tommie
--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113
WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)
<http://www.web2.com/cmugs/>
Internet: tomcmugs@n-link.com / tomcmugs@juno.com
Phone: (512) 556-4691 This is also a FAX Request line

From n0lrf@amsat.org Tue Dec 24 07:26:19 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA26706 for <aprssig@tapr.org>; Tue, 24 Dec 1996 07:26:17 -0600 (CST)
Received: from pm6_06.computer-services.com (pm6_06.computer-services.com [206.101.232.153]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id HAA19833 for <aprssig@tapr.org>; Tue, 24 Dec 1996 07:26:31 -0600
Message-ID: <32BFF5D8.5B8A@amsat.org>
Date: Tue, 24 Dec 1996 07:25:12 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: 40m report...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Happy Xmas Eve All,

I've been running an APRS GATE on 7.085.00 LSB for the past 18 hours or so...(near Kansas City).

Only other station heard was Richard, N2JR, in N. Virginia. Hope you saw me, Richard? Saw no one over night (expected). When I checked the freq. this morning, there is a nasty S9+10 heterodyne near by. Notched it down to S3, and will continue to camp out here all day. Also Spanish speaking stations (SSB) occasionally.

Come join me! (it's pretty lonely down here).

--

73, Paul, n01lrf@amsat.org

From PRENTICE@scanva.canton.edu Tue Dec 24 07:56:37 1996

Received: from SCANVA.CANTON.EDU (scanva.canton.edu [137.37.1.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA27699 for <aprssig@tapr.org>; Tue, 24 Dec 1996 07:56:35 -0600 (CST)

Received: from scanva.canton.edu by scanva.canton.edu (PMDF V5.0-3 #11626) id <01IDDS2GXQLS001976@scanva.canton.edu> for aprssig@tapr.org; Tue, 24 Dec 1996 08:53:30 -0500 (EST)

Date: Tue, 24 Dec 1996 08:53:30 -0500 (EST)

From: Jim Prentice WA2MZF QCWA <PRENTICE@scanva.canton.edu>

Subject: 40 Meter

To: aprssig@tapr.org

Message-id: <01IDDS2GY9W2001976@scanva.canton.edu>

X-VMS-To: IN%"aprssig@tapr.org"

MIME-version: 1.0

Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Content-transfer-encoding: 7BIT

I was up for a little while last night and heard a signal but could not see or list anyone. was short time as had to go out etc, but will be listening 7085 lsb for next several days to see what happens.

wa2mzf

From w2hob@mosquito.com Tue Dec 24 08:12:17 1996

Received: from itchy.mosquito.com (itchy.mosquito.com [206.205.132.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA28240 for <aprssig@tapr.org>; Tue, 24 Dec 1996 08:12:15 -0600 (CST)

Received: from dial61.mosquito.com (dial61.mosquito.com [206.205.132.90]) by itchy.mosquito.com (8.7.5/8.6.12) with SMTP id JAA06780 for <aprssig@tapr.org>; Tue, 24 Dec 1996 09:18:51 -0500 (EST)

Date: Tue, 24 Dec 1996 09:18:51 -0500 (EST)

Message-Id: <199612241418.JAA06780@itchy.mosquito.com>

X-Sender: w2hob@mosquito.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Boyd Prestwood <w2hob@mosquito.com>

Subject: Re: [APRSSIG:7652] APRS 77F

At 05:05 12/24/96 -0600, Tommy Taylor wrote:

>I just downloaded aprs 77f and tried to unzip it..

>I received a message that says there are errors in the .zip file.

>I retriered the download again, Again tried to run pkunzip.

>I received the same error again about a error in the .zip file..

>Has anyone else had a problem to unzip the APRS77F.ZIP file?

W2HOB REPLY:

No problem here... unzipped ok and is running.

Have fun es 73 de Boyd
w2hob@mosquito.com

From n4tgo@sprynet.com Tue Dec 24 08:54:07 1996
Received: from m9.sprynet.com (m9.sprynet.com [165.121.2.209]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA29991 for <aprssig@tapr.org>; Tue, 24 Dec 1996 08:54:05 -0600 (CST)
From: n4tgo@sprynet.com
Received: from [199.174.235.229] (hd46-229.compuserve.com [199.174.235.229]) by m9.sprynet.com (8.6.12/8.6.12) with SMTP id GAA10444 for <aprssig@tapr.org>; Tue, 24 Dec 1996 06:54:03 -0800
Date: Tue, 24 Dec 1996 06:54:03 -0800
Message-Id: <199612241454.GAA10444@m9.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: Colorado APRS
To: aprssig@tapr.org
In-Reply-To: <32BFD4FA.5181@n-link.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Just coming on-line with APRS, so somebody tell me where to monitor and so forth.

Is there special freqs? i.e. 440, 2m etc

Also on HF, whats the best TNC to use?

Thanks

Doug/N4tgo

NOTE: Any groups in Colorado?

n4tgo@sprynet.com

From knupke@babbage.csee.usf.edu Tue Dec 24 09:40:47 1996
Received: from babbage.csee.usf.edu (root@babbage.csee.usf.edu [131.247.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02138 for <aprssig@tapr.org>; Tue, 24 Dec 1996 09:40:44 -0600 (CST)
Received: from knupke.babbage.csee.usf.edu (ppp5.stpt.usf.edu [131.247.146.204]) by babbage.csee.usf.edu (8.8.3/8.7.3) with SMTP id KAA28000 for <aprssig@tapr.org>; Tue, 24 Dec 1996 10:40:35 -0500 (EST)
Date: Tue, 24 Dec 1996 10:40:35 -0500 (EST)
Message-Id: <199612241540.KAA28000@babbage.csee.usf.edu>
X-Sender: knupke@babbage.csee.usf.edu

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Paul Knupke Jr." <knupke@csee.usf.edu>
Subject: Re: [APRSSID:7651] Re: 30-meter band expansion?

At 12:18 AM 12/24/96 -0600, you wrote:

>Looks like we stand to LOSE ground here! (200 kHz in fact...)

Actually I believe it will give 3500-3800 world wide, while in ITU Region 2 will keep 3500-4000 KHz. So no loss for us.

What I can see is a phone band on 30 meters (10200 or 10250 to 10350 probably), as well as more room for 10 meter FM repeaters.

A realligned 40 meter band meaning we don't have to operate split to talk to those outside ITU Region 2.

A new band in the 4.9 meg band is also neat.

I don't want to open up the pro/no code debate but technician plus should get additional privldges if we see more spectrum.

Also more room for contest free operation as well as more room for digial operations including maybe a good 40 meter frequency a possibility for APRS users. (See I mentioned APRS!!)

Also during the better parts of solar cycles, we have room to really spread out on 12, 17 and 30 meters and really learn how they propagate. Lastly, a phone band on 30 meters will be a really neat thing as its propogation is a mix between 20 and 40, with longer paths than 40 in the day, but it doesn't die as early as 20.

73 and Happy Holidays

de Paul
Paul E. Knupke, Jr. *
knupke@csee.usf.edu *
Largo, Florida * You can fight
Amateur Radio KR4YL * Without ever winning
Fidonet 1:3603/570.0 * But never ever win
Assistant E.C. Pinellas A.R.E.S. * Without a fight
Florida Contest Group Member * ... Neil Peart
Trustee KE4ZYU/R 224.78 Clearwater * "Resist" by RUSH

From w2g3zfj@unix.asb.com Tue Dec 24 09:40:49 1996
Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA02155 for <aprssig@tapr.org>; Tue, 24 Dec 1996
09:40:48 -0600 (CST)
Received: from default (sls14.asb.com [165.254.128.24]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id KAA15575 for <aprssig@tapr.org>; Tue, 24 Dec 1996

10:43:13 -0500
Message-ID: <32BFF913.7BA@unix.asb.com>
Date: Tue, 24 Dec 1996 10:38:59 -0500
From: bob <w2g3zfej@unix.asb.com>
Reply-To: w2g3zfej@unix.asb.com
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Adaptive Tracker Controller
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks and Seasons Greetings

Several inquiries about my previous posting on an adaptive tracker controller that alters the beacon rate according to your speed. So, I have entered the info (such as it is!) onto my aprs home page (<http://www.asb.com/usr/w2g3zfej/aprs1.htm>).

Let me know if anyone else tries it. The approach could be easily adapted to many other forms of microcontroller. I previously used a 68HC11 for a similar task before we had GPS code in the TNC's but it was quicker to get going in BASIC for this task. I have also used the BASIC STAMPS but found that they have difficulty in keeping up with the data stream from the GPS unit, maybe the later ones are faster?

I believe that units like this and the MIC-E encoder etc have many useful tasks to perform in the APRS world. For example, it would be trivial for this controller to monitor the ignition status and switch to rapid reporting rate with a different symbol if the car was stolen. It can also monitor analogue values so it could remotely send temperature, battery voltage etc. I'll see how much time I have to pursue these ideas over the holiday.

73 to one and all

bob, w2/g3zfej
w2g3zfej@unix.asb.com

From rusty@fe2o3.lonestar.org Tue Dec 24 09:46:07 1996
Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02342 for <aprssig@tapr.org>; Tue, 24 Dec 1996 09:46:05 -0600 (CST)
Received: from ernest.itg.ti.com ([172.25.50.162]) by dragon.ti.com (8.6.13) with SMTP id JAA07741 for <aprssig@tapr.org>; Tue, 24 Dec 1996 09:45:34 -0600
Received: by ernest.itg.ti.com (Smail3.1.28.1 #4)
id m0vcYy2-0000A1C; Tue, 24 Dec 96 09:40 CST
Received: (from rusty@localhost) by fe2o3.lonestar.org (8.7.1/8.7.1) id IAA30955 for aprssig@tapr.org; Tue, 24 Dec 1996 08:54:29 -0600
From: Rusty Haddock <rusty@fe2o3.lonestar.org>
Message-Id: <199612241454.IAA30955@fe2o3.lonestar.org>
Subject: Re: [APRSSID:7652] APRS 77F
To: aprssig@tapr.org

Date: Tue, 24 Dec 1996 08:54:29 -0600 (CST)
In-Reply-To: <32BFD4FA.5181@n-link.com> from "Tommie Taylor" at Dec 24, 96
05:05:38 am
Content-Type: text

Tommie Taylor wrote:

>
>I just downloaded aprs 77f and tried to unzip it..
>I received a message that says there are errors in the .zip file.
>I retried the download again, Again tried to run pkunzip.
>I received the same error again about a error in the .zip file..
>Has anyone else had a problem to unzip the APRS77F.ZIP file?
>Tommie

I FTP'd it at work from ftp.tapr.org last night (Monday) then xfer'd it to my home system. Just tested it after reading your message (with the -t option of the Linux version) and it found no errors.

While it may be obvious to most, and I don't know your level of expertise, allow me to remind you that the file needs to be transferred in binary mode.

One way or another it sounds like your .ZIP file is corrupted. If I can help, lemme know.

Merry Christmas!

-Rusty-

--

----- Rusty Haddock ### KD4WLZ ### rusty@fe2o3.lonestar.org
|\\ / o \ o
| (-< O o I planted my antenna farm and what popped up was aluminum
|/__V__/and copper tubing. Strange thing is... I used steel seeds!

From sproul@ap.org Tue Dec 24 09:48:36 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id JAA02672 for <aprssig@tapr.org>; Tue, 24 Dec 1996 09:48:35 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id KAA11856; Tue, 24 Dec 1996 10:41:59 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007801aee5a9b03071@[165.1.27.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 24 Dec 1996 10:45:09 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: WinAPRS Version 1.1.8

To all WinAPRS users

I have just released version 1.1.8 of WinAPRS, there are MANY new features,

most of which are in direct response to user input and requests. Both the full versions and the update zip files are both on TAPR and Rutgers.

Rutgers site at <ftp://aprs.rutgers.edu/pub/hamradio/aprs/WinAPRS/>
TAPR site at <ftp://ftp.tapr.org/tapr/SIG/aprssiG/files/winstuff/WinAPRS/>

The documentation has been updated and is at <http://aprs.rutgers.edu/>
I made an announcement about a week ago that its a new web server, a Mac running Linux. It seems to me to be performing much better and the logs show that it has been getting lots of use but I have not heard any feed back from users yet.

MacAPRS Version 2.6.8 - December 24, 1996
WinAPRS Version 1.1.8

Added weather charts, last 24 hours of your local weather data
(if you have a weather unit attached).
Drawing / Erasing lines now working properly.
Can read dos COMPRESSED maps
Added DIRECT STATIONS ONLY to display options.
Callbook data base support - can now generate the indexes
from WinAPRS directly, see CD-ROM call sign data bases
Rewrote the GRIDSQUARE display code so it is MUCH MUCH faster.
Major improvements to RDF operation and display
Fixed date bug that caused the date to always show up as 12/31/96
Fixed bug in rain reporting when using Davis Weather unit.
Added support for the Delomere Tripmate GPS unit
Added display of National Weather Services station locations.
MacAPRS -- Rearranged some of the Menus, this was done for two
reasons, one to simplify the menus and two, to make the menus
for MacAPRS and WinAPRS more alike, this makes programming
and documentation easier.
Finished Civil Air Patrol / Search And Resqueue grid display,
now includes labels.
Can now read dosAPRS .HST files.
UnprotoPath window bug fixed

Merry Christmas to all

Mark Sproul

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From ku0g@sprynet.com Tue Dec 24 09:57:18 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id JAA03172 for <aprssig@tapr.org>; Tue, 24 Dec 1996 09:57:14 -0600 (CST)
Received: from JIMDUNCA (ts1-p22.wwi.net [204.153.64.123]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id HAA24890 for <aprssig@tapr.org>; Tue, 24 Dec 1996 07:57:11 -0800
Date: Tue, 24 Dec 1996 07:57:11 -0800
Message-Id: <199612241557.HAA24890@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7656] Re: Colorado APRS

At 08:58 12/24/96 -0600, you wrote:

>
>Just coming on-line with APRS, so somebody tell me where to monitor and so
>forth.
>
>Is there special freqs?

VHF: 145.79 MHz
HF: 10.151 MHz or 7.085 MHz

>
>Also on HF, whats the best TNC to use?

KAM or PK900

>
>Thanks

You're welcome!

>NOTE: Any groups in Colorado?

Look for KB0MQQ and others in the Denver area on both HF and VHF!

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From jeff.ruhnke@juno.com Tue Dec 24 10:05:48 1996
Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA03915 for <aprssig@tapr.org>; Tue, 24 Dec 1996 10:05:47 -0600 (CST)
From: jeff.ruhnke@juno.com
Received: (from jeff.ruhnke@juno.com) by x16.boston.juno.com (queuemail) id LxF13998; Tue, 24 Dec 1996 11:04:04 EST
To: aprssig@tapr.org

Date: Mon, 23 Dec 1996 20:14:30 PST
Subject: Re: [APRSSIG:7621] Indianapolis, Dayton area
Message-ID: <19961224.100149.7743.0.jeff.ruhnke@juno.com>
References: <32BEDE53.7C23@cedar.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-18,24-28

On Mon, 23 Dec 1996 12:41:14 -0600 (CST) Dave VanHorn
<dvanhorn@cedar.net> writes:
>I'm new to APRS. :)
>
>I've got it installed and on, and my TNC tuned to 145.790(S)
>
>I haven't heard anyone in 24 hrs+
>
>Am I on the wrong freq here, or am I in the middle of an "aprs
>wasteland"?
>
>My QTH is in Muncie, around 40:14N, 85:22W.
>
>I'm running 1W into a discone at 20'. This has done well locally on
>packet, and can be copied easily at 5 miles with an HT.
>
>Thanks
>
>I know there are a few stations in Lafayette Ind. N.I.A.N. (Northern
Illinois APRS Network is working on going down there and help them get a
better path out and to be able to digi into Chicago. There is a Skywarn
Station in Wapauck Ind (east of Crown Point) and there is a station
that pops up sometimes here in Chicago. You should be able to hit
Lafayette and Dayton Oh.

Jeff N9WEB
Board Member N.I.A.N.

From sproul@ap.org Tue Dec 24 10:16:39 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id KAA04334 for <aprssig@tapr.org>; Tue, 24 Dec 1996 10:16:37 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id LAA14160; Tue, 24 Dec 1996 11:10:09 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007803aee5b0f3e4c5@[165.1.27.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 24 Dec 1996 11:15:00 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: WinAPRS and SAMS / QRZ CD-ROM

There have been several people asking about the indexes required for SAMS
and QRZ CD-ROM.

If you are using one of these CD-ROMs, you should download Version 1.1.8, it now has the ability to CREATE these indexes from the CD-ROM.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From w2g3zfej@unix.asb.com Tue Dec 24 10:39:18 1996
Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05586 for <aprssig@tapr.org>; Tue, 24 Dec 1996 10:39:16 -0600 (CST)
Received: from default (sls14.asb.com [165.254.128.24]) by unix.asb.com (8.6.12/8.6.9) with SMTP id LAA17122 for <aprssig@tapr.org>; Tue, 24 Dec 1996 11:41:42 -0500
Message-ID: <32C006C7.27D8@unix.asb.com>
Date: Tue, 24 Dec 1996 11:37:27 -0500
From: bob <w2g3zfej@unix.asb.com>
Reply-To: w2g3zfej@unix.asb.com
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7660] WinAPRS Version 1.1.8
References: <v03007801aee5a9b03071@[165.1.27.20]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mark

Just downloaded and installed winaPRS v1.1.8. Is there a bug in the dos maps display? All of the dos maps I bring up have lots of lines criss-crossing the display. The win maps work fine. Everything else seems OK so far. I like the wx display.

73 de bob w2/g3zfej
w2g3zfej@unix.asb.com

Mark Sproul wrote:

>
> To all WinAPRS users
>
> I have just released version 1.1.8 of WinAPRS, there are MANY new features,
> most of which are in direct response to user input and requests. Both the
> full versions and the update zip files are both on TAPR and Rutgers.

```

>
> Rutgers site at ftp://aprs.rutgers.edu/pub/hamradio/aprs/WinAPRS/
> TAPR site at ftp://ftp.tapr.org/tapr/SIG/aprssidg/files/winstuff/WinAPRS/
>
> The documentation has been updated and is at http://aprs.rutgers.edu/
> I made an announcement about a week ago that its a new web server, a Mac
> running Linux. It seems to me to be performing much better and the logs
> show that it has been getting lots of use but I have not heard any feed
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>     Added weather charts, last 24 hours of your local weather data
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>         and documentation easier.
>     Finished Civil Air Patrol / Search And Resqueue grid display,
>         now includes labels.
>     Can now read dosAPRS .HST files.
>     UnprotoPath window bug fixed
>
> Merry Christmas to all
>
> Mark Sproul
>
> -----
> Mark Sproul |Amateur Radio: KB2ICI
> Software Engineer @ Assoc Press |
> sproul@ap.org |Work: 609-860-7120
> North Brunswick, NJ |Fax: 609-860-7129
> http://msproul.rutgers.edu/
> -----

```

From sproul@ap.org Tue Dec 24 10:46:56 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id KAA05966 for <aprssidg@tapr.org>; Tue, 24 Dec 1996 10:46:54 -0600
(CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id LAA15369; Tue, 24 Dec 1996 11:40:21 -0500

X-Sender: sproul@165.1.6.1
Message-Id: <v03007807aee5b813915b@[165.1.27.20]>
In-Reply-To: <v03007801aee5a9b03071@[165.1.27.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 24 Dec 1996 11:42:15 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: FTP site correction

The rutgers FTP address I gave is no longer valid because of the new Web server, The TAPR address is still correct.

For FTP access use

Rutgers site at <ftp://msproul.rutgers.edu/pub/hamradio/aprs/WinAPRS/>

or

TAPR site at <ftp://ftp.tapr.org/tapr/SIG/aprssiG/files/winstuff/WinAPRS/>

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bruninga@nadm.navy.mil Tue Dec 24 10:48:43 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA06243 for <aprssiG@tapr.org>; Tue, 24 Dec 1996 10:48:36 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id LAA05147 for <aprssiG@tapr.org>; Tue, 24 Dec 1996 11:53:52 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Dec 1996 11:53:52 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssiG@tapr.org
Subject: Re: [APRSSIG:7638] APRS files?
In-Reply-To: <B00000122643@eagnet.com>
Message-ID: <Pine.GS0.3.95.961224115316.4827C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 23 Dec 1996, Bill Carreira Jr. wrote:

> What ftp site do I use to aquire the APRS files?

APRSDos REPLY/COMMENT: @tapr.org in
tapr/SIG/aprssidg/files/dosstuff/APRSDos area

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From greg@clubnet.net Tue Dec 24 11:08:02 1996
Received: from www.clubnet.net (www.clubnet.net [206.126.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA07398 for <aprssidg@tapr.org>; Tue, 24 Dec 1996
11:08:00 -0600 (CST)
Received: from [206.126.130.28] by www.clubnet.net
with SMTP (Apple Internet Mail Server 1.1.1); Tue, 24 Dec 1996 09:10:29 -0800
Subject: Re: [APRSSIG:7660] WinAPRS Version 1.1.8
Date: Tue, 24 Dec 96 09:11:21 -0800
x-sender: greg@www.clubnet.net
x-mailer: Claris EMailer 1.1
From: Greg Noneman <greg@clubnet.net>
To: <aprssidg@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Message-ID: <1360703867-29295971@www.clubnet.net>

Are you going to be releasing MacAPRS v 2.6.8 as well?

Greg
WB6ZSU

From dvanhorn@cedar.net Tue Dec 24 11:15:40 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA07800 for <aprssidg@tapr.org>; Tue, 24 Dec 1996
11:15:39 -0600 (CST)
Received: from hammer.stonewest.com (and-002-15.iquest.net [206.53.241.111]) by
www.cedar.net (8.6.8.1/SC05) with SMTP id RAA23465 for <aprssidg@tapr.org>; Tue, 24
Dec 1996 17:14:44 GMT
Message-ID: <32C01D55.547@cedar.net>
Date: Tue, 24 Dec 1996 12:13:41 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: <http://www.stonewest.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssidg@tapr.org
Subject: Re: [APRSSIG:7662] Re: Indianapolis, Dayton area
References: <19961224.100149.7743.0.jeff.ruhnke@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> >I know there are a few stations in Lafayette Ind. N.I.A.N. (Northeren
> Illinois APRS Network is working on going down there and help them get a
> better path out and to be able to digi into Chicago. There is a Skywarn
> Station in Wapauck Ind (east of Crown Point) and there is a station
> that pops up sometimes here in Chicago. You should be able to hit
> Lafayette and Dayton Oh.

Hmm. Maybe I need to loose the discone and go with a J-Pole or something. I'm apparently not getting the range, even with 60W and helical filter and gaasfet preamp. Grr.. I can set up a permanent station here as soon as I get my feet wet. I have a PC I can dedicate, and I'm already running a network, what's one more node ;)

What would I need, besides TNC, decent antenna, PC and APRS to be a "wide" node?

From jagrelo@cris.com Tue Dec 24 11:44:23 1996
Received: from newman.cris.com (newman.concentric.net [207.155.184.71]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA09294 for <aprssig@tapr.org>; Tue, 24 Dec 1996 11:44:22 -0600 (CST)
Received: from crc3.pop3.net (cnc059065.concentric.net [206.83.77.65]) by newman.cris.com (8.8.3/(96/11/08 1.11)) id MAA03002; Tue, 24 Dec 1996 12:44:07 -0500 (EST) [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Message-ID: <32C041F9.4845@cris.com>
Date: Tue, 24 Dec 1996 12:50:01 -0800
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7660] WinAPRS Version 1.1.8
References: <v03007801aee5a9b03071@[165.1.27.20]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Sproul wrote:

>
> To all WinAPRS users
>
> I have just released version 1.1.8 of WinAPRS, there are MANY new features,
> most of which are in direct response to user input and requests. Both the
> full versions and the update zip files are both on TAPR and Rutgers.

Mark,

I don't see at either ftp site.

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

From schiers@ames.net Tue Dec 24 11:57:37 1996
Received: from brain.ames.net (brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA10086 for <aprssig@tapr.org>; Tue, 24 Dec 1996
11:57:36 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id LAA19759; Tue, 24 Dec 1996 11:55:56 -0600
Message-Id: <199612241755.LAA19759@brain.ames.net>
Date: Tue, 24 Dec 96 11:56:12 -0500
To: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7665] FTP site correction
In-Reply-To: <v03007807aee5b813915b@[165.1.27.20]>
Cc: aprssig@tapr.org
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <v03007807aee5b813915b@[165.1.27.20]>, on 12/24/96 at 10:53 AM,
Mark Sproul <sproul@ap.org> said:

>The rutgers FTP address I gave is no longer valid because of the new Web
>server, The TAPR address is still correct.

>For FTP access use

> Rutgers site at <ftp://msproul.rutgers.edu/pub/hamradio/aprs/WinAPRS/>

>or

> TAPR site at <ftp://ftp.tapr.org/tapr/SIG/aprssiig/files/winstuff/WinAPRS/>

>Mark

>-----
>Mark Sproul |Amateur Radio: KB2ICI
>Software Engineer @ Assoc Press |
>sproul@ap.org |Work: 609-860-7120
>North Brunswick, NJ |Fax: 609-860-7129

>http://msproul.rutgers.edu/

>-----

I just went to both sites and it is not there. Did it get pulled because of a bug? Latest version showing as of 11:57 a.m. cdt is 117. Very strange.

73,

hasan schiers, NOAN

schiers@ames.net

From jkerns@usit.net Tue Dec 24 12:02:18 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA10415 for <aprssig@tapr.org>; Tue, 24 Dec 1996 12:02:16 -0600 (CST)
Received: from LOCALNAME (bway-slip83.dynamic.usit.net [204.194.172.129]) by smtest.usit.net (8.7.5/8.6.12) with SMTP id NAA18030 for <aprssig@tapr.org>; Tue, 24 Dec 1996 13:10:29 -0500 (EST)
Date: Tue, 24 Dec 1996 13:10:29 -0500 (EST)
Message-Id: <199612241810.NAA18030@smtest.usit.net>
X-Sender: jkerns@pop.usit.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Kerns <jkerns@usit.net>
Subject: Re: [APRSSIG:7659] Re: Need

Merry Christams and A Happy New Year to All.

Wonder since AEA out of business, if anyone has an AEA 232MBX for sale. Would like to replace mine as I have rigs all wired for it and use PKRATT program. Would like a GOOD used one or a new one if anyone has one. Please send price and details. Thanks

Jim Kerns

N4PUQ

jkerns@usit.net

Oliver Springs, Tn.

(just outside Oak Ridge where everyone glows in the dark!!)

From sproul@ap.org Tue Dec 24 12:12:36 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11014 for <aprssig@tapr.org>; Tue, 24 Dec 1996 12:12:35 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id NAA19790; Tue, 24 Dec 1996 13:06:05 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007809aee5c78c3409@[165.1.27.20]>
In-Reply-To: <1360703867-29295971@www.clubnet.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 24 Dec 1996 12:47:17 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7667] Re: WinAPRS Version 1.1.8

>Are you going to be releasing MacAPRS v 2.6.8 as well?
>
>
>Greg
>WB6ZSU

Yes, hopefully by thursday

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sproul@ap.org Tue Dec 24 12:40:06 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id MAA12566 for <aprssig@tapr.org>; Tue, 24 Dec 1996 12:40:04 -0600
(CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id NAA20528; Tue, 24 Dec 1996 13:33:34 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780baee5d34df715@[165.1.27.20]>
In-Reply-To: <32C006C7.27D8@unix.asb.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 24 Dec 1996 13:38:23 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7664] Re: WinAPRS Version 1.1.8

>Hi Mark
>
>Just downloaded and installed winaPRS v1.1.8. Is there a bug in the dos
>maps display? All of the dos maps I bring up have lots of lines
>criss-crossing the display. The win maps work fine. Everything else
>seems OK so far. I like the wx display.
>

I pulled the release, fixed the bug and put it back. The rutgers WEB server is behaving just fine, but the FTP sever is a little slow, the files are on TAPR now.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From schiers@ames.net Tue Dec 24 13:21:38 1996
Received: from brain.ames.net (brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA14514 for <aprssig@tapr.org>; Tue, 24 Dec 1996 13:21:36 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net (8.6.12/8.6.9) with SMTP id NAA20707; Tue, 24 Dec 1996 13:20:04 -0600
Message-Id: <199612241920.NAA20707@brain.ames.net>
Date: Tue, 24 Dec 96 13:11:32 -0500
To: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7673] Re: WinAPRS Version 1.1.8
In-Reply-To: <v0300780baee5d34df715@[165.1.27.20]>
Cc: aprssig@tapr.org
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <v0300780baee5d34df715@[165.1.27.20]>, on 12/24/96 at 12:43 PM,
Mark Sproul <sproul@ap.org> said:

>I pulled the release, fixed the bug and put it back. The rutgers WEB
>server is behaving just fine, but the FTP sever is a little slow, the
>files are on TAPR now.

I got the new one from TAPR a few minutes ago...

Something is wrong with the U-2000 wx . It was working as
it should with 117, all I did was upgrade and now my pressure is being
transmitted as zero, the gust info is corrupted with what appears to be
the pressure. The string being transmitted is not valid. Lemme see if I
can grab it:

history file shows this as the end of the wx string: /P000/G10288064/U2a

The info before it (in the string) looks normal:

path info then:@241912zlat/lon_019/012/T015/P000/G10288064/U2a

should it read U2a or U2k...will try restarting the program. Have checked U2000 in the wx setup. 73,

hasan schiers, NOAN

schiers@ames.net

From schiers@ames.net Tue Dec 24 13:24:24 1996
Received: from brain.ames.net (brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA14569 for <aprssig@tapr.org>; Tue, 24 Dec 1996 13:24:22 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net (8.6.12/8.6.9) with SMTP id NAA20729; Tue, 24 Dec 1996 13:22:55 -0600
Message-Id: <199612241922.NAA20729@brain.ames.net>
Date: Tue, 24 Dec 96 13:23:51 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7673] Re: WinAPRS Version 1.1.8
In-Reply-To: <v0300780baee5d34df715@[165.1.27.20]>
Cc: Mark Sproul <sproul@ap.org>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <v0300780baee5d34df715@[165.1.27.20]>, on 12/24/96 at 12:43 PM,
Mark Sproul <sproul@ap.org> said:

>>Hi Mark
>>
>>Just downloaded and installed winaPRS v1.1.8. Is there a bug in the dos
>>maps display? All of the dos maps I bring up have lots of lines
>>criss-crossing the display. The win maps work fine. Everything else
>>seems OK so far. I like the wx display.
>>

>I pulled the release, fixed the bug and put it back. The rutgers WEB
>server is behaving just fine, but the FTP sever is a little slow, the
>files are on TAPR now.

>Mark

I forgot to mention that I am using the update version.

hasan schiers, NOAN

schiers@ames.net

From dvanhorn@cedar.net Tue Dec 24 13:29:09 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA14724 for <aprssig@tapr.org>; Tue, 24 Dec 1996 13:29:07 -0600 (CST)

Received: from hammer.stonewest.com (and-002-15.iquest.net [206.53.241.111]) by www.cedar.net (8.6.8.1/SC05) with SMTP id TAA23802 for <aprssig@tapr.org>; Tue, 24 Dec 1996 19:28:13 GMT
Message-ID: <32C03C9D.3587@cedar.net>
Date: Tue, 24 Dec 1996 14:27:09 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: http://www.stonewest.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7644] RE: Indianapolis, Dayton area
References: <Chameleon.961223221103.pscc@S.E.I. Data.seidata.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> If you get some action up there maybe I can see it here too. Good luck.
>

I now have a 5 el beam with 60W pointed roughly at the Dayton area.
I'm set to send hourly, I'll leave it up that way for a while and see.

From schiers@ames.net Tue Dec 24 13:31:54 1996
Received: from brain.ames.net (brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA14813 for <aprssig@tapr.org>; Tue, 24 Dec 1996 13:31:52 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net (8.6.12/8.6.9) with SMTP id NAA20807; Tue, 24 Dec 1996 13:30:20 -0600
Message-Id: <199612241930.NAA20807@brain.ames.net>
Date: Tue, 24 Dec 96 13:27:31 -0500
To: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7673] Re: WinAPRS Version 1.1.8
In-Reply-To: <v0300780baee5d34df715@[165.1.27.20]>
Cc: aprssig@tapr.org
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <v0300780baee5d34df715@[165.1.27.20]>, on 12/24/96 at 12:43 PM,
Mark Sproul <sproul@ap.org> said:

>I pulled the release, fixed the bug and put it back. The rutgers WEB
>server is behaving just fine, but the FTP sever is a little slow, the
>files are on TAPR now.

I rebooted, no change. Wind gust is showing in the weather list as -1120,
pressure still zero.

Interestingly enough, the Weather Display of local weather shows 1029.6
mb. Weather/RDF settings shows 10295.

The weather list itself has severe errors and the string being transmitted
(both viewed as transmitted and reviewed in the history file) has the

errors I noted in the prior message.

I have verified that I have things set for the U-2000 and nothing was changed from version 117 to the 118 update. Maybe I missed some change I was supposed to make in the docs...or is this a buglet?

hasan schiers, N0AN

schiers@ames.net

From scout@gte.net Tue Dec 24 14:21:19 1996
Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA17809 for <aprssig@tapr.org>; Tue, 24 Dec 1996 14:21:18 -0600 (CST)
Received: from mail.gte.net (sm1.gte.net [207.175.111.18]) by smtp.gte.net (SMI-8.6/) via SMTP id OAA17846 for <@mail1.gte.net:aprssig@tapr.org>; Tue, 24 Dec 1996 14:21:17 -0600
Received: from default (clw231018.gte.net [207.115.231.18]) by mail.gte.net (950413.SGI.8.6.12/950213.SGI.AutoCF) via SMTP id OAA28169 for <aprssig@tapr.org>; Tue, 24 Dec 1996 14:21:02 -0600
Message-ID: <32C03AAD.1FB@gte.net>
Date: Tue, 24 Dec 1996 15:18:53 -0500
From: Neil Lauritsen <scout@gte.net>
Reply-To: scout@gte.net
Organization: Pinellas Co, FL ARES/RACES
X-Mailer: Mozilla 3.01Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7664] Re: WinAPRS Version 1.1.8
References: <32C006C7.27D8@unix.asb.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

bob wrote:

> Just downloaded and installed winaPRS v1.1.8. Is there a bug in the dos
> maps display? All of the dos maps I bring up have lots of lines
> criss-crossing the display. The win maps work fine. Everything else
> seems OK so far. I like the wx display.
>
> 73 de bob w2/g3zfq
> w2g3zfq@unix.asb.com

I have noted the same "buglet" here. Other than that it looks great and finally for the first time my SAMS CD works as it should..having the program create the samcd.idx file works great..Tnx for a nice xmas present.

73,

Neil, KA3DBK
scout@gte.net

From n0lrf@amsat.org Tue Dec 24 15:05:53 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA19851 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:05:48 -0600 (CST)
Received: from pm6_03.computer-services.com (pm6_03.computer-services.com [206.101.232.150]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id PAA24841 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:05:57 -0600
Message-ID: <32C0617D.32A1@amsat.org>
Date: Tue, 24 Dec 1996 15:04:29 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: WinAPRS Version 1.1.8
References: <v03007801aee5a9b03071@[165.1.27.20]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Sproul wrote:

> I have just released version 1.1.8 of WinAPRS, there are MANY new features,
> Merry Christmas to all

And the same to you Mark, Keith & Bob!

LOVE the WX graphs! Will now take the 8088 laptop
to the office for 24hr APRSDos station!

Thanks also for the date fix and Direct Stations!

This is going to be my second best Christmas
present---Santa's bringing me a Standard C508A
micro HT tonight, to build a SCAT (Self Contained
Automatic Tracker), using a MIM, GPS 25, PT5101
regulator and 7.2vdc batt pack....will keep
you posted.

All the BEST from the Midwest!

--

73, Paul, n0lrf@amsat.org

From n0lrf@amsat.org Tue Dec 24 15:13:06 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA20056 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:13:01 -0600 (CST)
Received: from pm6_03.computer-services.com (pm6_03.computer-services.com [206.101.232.150]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id PAA24932 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:13:12 -0600
Message-ID: <32C062F1.10E3@amsat.org>
Date: Tue, 24 Dec 1996 15:10:41 -0800

From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: 40m report...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Camped out at 7.088.00 LSB now. It is a little less busy this afternoon. If this changes, will try 7.085.00 LSB again.

Only station seen so far today is Pete, WA4HEI, in MI. Thanks 4 joining me Pete! (you were S9+10).

Cya & don't eat too much tomorrow.

May Santa bring U everything U deserve, not what U want...

--

73, Paul, n0lrf@amsat.org

From BordingK@aol.com Tue Dec 24 15:33:25 1996
Received: from emout01.mail.aol.com (emout01.mx.aol.com [198.81.11.92]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA21138 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:33:22 -0600 (CST)
From: BordingK@aol.com
Received: by emout01.mail.aol.com (8.6.12/8.6.12) id QAA17620 for aprssig@tapr.org; Tue, 24 Dec 1996 16:32:51 -0500
Date: Tue, 24 Dec 1996 16:32:51 -0500
Message-ID: <961224163250_1155318519@emout01.mail.aol.com>
To: aprssig@tapr.org
Subject: WinAPRS 1.1.8 & Peet Bros U-2000

Just loaded up WinAPRS 1.1.8 and noticed something weird! In both Weather List window and surrounding my station icon it shows all wx info correctly EXCEPT WIND GUST. New display shows winds (0) / wind gust. That shows as -1120 MPH. This a light breeze, but it doesn't seem that windy! ha ha (or ho ho)

In Weather Display High and Low wind seems normal.

Anyone else having same/similar problem.

Merry Christmas to all!

de KF4COH
Ken in Jax. FL

From tomcmugs@n-link.com Tue Dec 24 15:53:36 1996
Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id PAA22155 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:53:35 -0600 (CST)

Received: from tomcmugs (blackfoot66 [208.135.244.66]) by n-link.com (8.6.12/8.6.9) with SMTP id PAA14225 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:53:33 -0600

Message-ID: <32C06DC8.4138@n-link.com>

Date: Tue, 24 Dec 1996 15:56:56 -0800

From: Tommie Taylor <tomcmugs@n-link.com>

Organization: A1 Kustom Mugs

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: GPS

References: <32BFF5D8.5B8A@amsat.org>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Paul Stump wrote:

>

> Happy Xmas Eve All,

>

> I've been running an APRS GATE on 7.085.00 LSB for
> the past 18 hours or so...(near Kansas City).

>

> Only other station heard was Richard, N2JR, in N.
> Virginia. Hope you saw me, Richard? Saw no one
> over night (expected). When I checked the freq.
> this morning, there is a nasty S9+10 heterodyne
> near by. Notched it down to S3, and will
> continue to camp out here all day. Also Spanish
> speaking stations (SSB) occasionally.

>

> Come join me! (it's pretty lonely down here).

> --

> 73, Paul, n0lrf@amsat.org

Paul just received the cable, Thanks a GREAT Bunch.. Just what I
needed..

You're the best... GPS Mobile here I go..

73's Tommie

--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113

WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)

<http://www.web2.com/cmugs/>

Internet: tomcmugs@n-link.com / tomcmugs@juno.com

Phone: (512) 556-4691 This is also a FAX Request line

From tomcmugs@n-link.com Tue Dec 24 15:56:53 1996

Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id PAA22229 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:56:52 -0600 (CST)

Received: from tomcmugs (blackfoot66 [208.135.244.66]) by n-link.com

(8.6.12/8.6.9) with SMTP id PAA14329 for <aprssig@tapr.org>; Tue, 24 Dec 1996 15:56:50 -0600

Message-ID: <32C06E8D.72CE@n-link.com>
Date: Tue, 24 Dec 1996 16:00:13 -0800
From: Tommie Taylor <tomcmugs@n-link.com>
Organization: A1 Kustom Mugs
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7659] Re: APRS 77F
References: <199612241454.IAA30955@fe2o3.lonestar.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rusty Haddock wrote:

```
>
> Tommie Taylor wrote:
>   >
>   >I just downloaded aprs 77f and tried to unzip it..
>   >I received a message that says there are errors in the .zip file.
>   >I retried the download again, Again tried to run pkunzip.
>   >I received the same error again about a error in the .zip file..
>   >Has anyone else had a problem to unzip the APRS77F.ZIP file?
>   >Tommie
>
> I FTP'd it at work from ftp.tapr.org last night (Monday) then xfer'd
> it to my home system. Just tested it after reading your message
> (with the -t option of the Linux version) and it found no errors.
>
> While it may be obvious to most, and I don't know your level of
> expertise, allow me to remind you that the file needs to be
> transferred in binary mode.
>
> One way or another it sounds like your .ZIP file is corrupted.
> If I can help, lemme know.
>
> Merry Christmas!
>
> -Rusty-
> --
> ----- Rusty Haddock ### KD4WLZ ### rusty@fe2o3.lonestar.org
> |\ /  o \  o
> |  (  -< 0 o I planted my antenna farm and what popped up was aluminum
> |/\__V__/    and copper tubing. Strange thing is... I used steel seeds!
Thanks Rusty as I think I will try another FTP, when I run the PKZIPFIX
it fixed most of the files and they unzipped ok except 1 file...
Thanks for your advice.
Tommie
--
```

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113
WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)
<http://www.web2.com/cmugs/>
Internet: tomcmugs@n-link.com / tomcmugs@juno.com
Phone: (512) 556-4691 This is also a FAX Request line

From judlynn@norfolk.infi.net Tue Dec 24 16:21:20 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA23733 for <aprssig@tapr.org>; Tue, 24 Dec 1996
16:21:18 -0600 (CST)
Received: from pa17dsp12.orf.infi.net by mh004.infi.net with SMTP
(Infinet-S-3.3) id RAA25460; Tue, 24 Dec 1996 17:21:45 -0500 (EST)
Date: Tue, 24 Dec 1996 17:21:45 -0500 (EST)
Message-Id: <199612242221.RAA25460@mh004.infi.net>
X-Sender: judlynn@norfolk.infi.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jud <judlynn@norfolk.infi.net>
Subject: MapFix29.exe

I just downloaded 77F today and every thing seems to work OK except I can't
load a map using MapFix29. Works fine using MapFix28. Anyone else having
this problem?

73, and Merry Christmas everyone, Jud, KE4HFX

))(((
)_ _(
[o o]

=====000==(_)==000=====

Jud French, KE4HFX

judlynn@norfolk.infi.net

=====

5423 Barnhollow Rd.
Norfolk, VA 23502-3604

From wa4mej@juno.com Tue Dec 24 17:50:35 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA27751 for <aprssig@tapr.org>; Tue, 24
Dec 1996 17:50:33 -0600 (CST)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
id SjN04262; Tue, 24 Dec 1996 18:49:27 EST
To: aprssig@tapr.org
Cc: aprssig@tapr.org
Date: Tue, 24 Dec 1996 13:26:16 EDT
Subject: Re: [APRSSIG:7652] APRS 77F
Message-ID: <19961224.184905.4351.0.wa4mej@juno.com>
References: <32BFD4FA.5181@n-link.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-6,8-22
From: wa4mej@juno.com (john w dent)

tommie

i just downloaded APRS 7.7f and it's all ok also the up date from 7.7d to

77f it is also ok

73 and good luck
john wa4mej

On Tue, 24 Dec 1996 05:05:38 -0600 (CST) Tommie Taylor
<tomcmugs@n-link.com> writes:
>I just downloaded aprs 77f and tried to unzip it..
>I received a message that says there are errors in the .zip file.
>I retried the download again, Again tried to run pkunzip.
>I received the same error again about a error in the .zip file..
>Has anyone else had a problem to unzip the APRS77F.ZIP file?
>Tommie
>--
>A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113
>WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)
><http://www.web2.com/cmugs/>
>Internet: tomcmugs@n-link.com / tomcmugs@juno.com
>Phone: (512) 556-4691 This is also a FAX Request line
>
>

From judlynn@norfolk.infi.net Tue Dec 24 19:31:27 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA00999 for <aprssig@tapr.org>; Tue, 24 Dec 1996
19:31:26 -0600 (CST)
Received: from pa8dsp1.orf.infi.net by mh004.infi.net with SMTP
(Infinet-S-3.3) id UAA12620; Tue, 24 Dec 1996 20:31:51 -0500 (EST)
Date: Tue, 24 Dec 1996 20:31:51 -0500 (EST)
Message-Id: <199612250131.UAA12620@mh004.infi.net>
X-Sender: judlynn@norfolk.infi.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jud <judlynn@norfolk.infi.net>
Subject: MapFix29

I just downloaded 77F today and every thing seems to work OK except I can't
load a map using MapFix29. Works fine using MapFix28. Anyone else having
this problem?

73, and Merry Christmas everyone, Jud, KE4HFX

))(((
)_ _(
[o o]

=====000====()=====000=====

Jud French, KE4HFX
judlynn@norfolk.infi.net

=====

5423 Barnhollow Rd.
Norfolk, VA 23502-3604

From moyers@bellsouth.net Tue Dec 24 20:33:15 1996
Received: from gatekeeper.vic.com (root@gatekeeper.vic.com [206.31.139.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA03742 for <aprssig@tapr.org>; Tue, 24
Dec 1996 20:33:13 -0600 (CST)

From: moyers@bellsouth.net
Received: from mail.vic.com (exp018.vic.com [208.131.85.18]) by gatekeeper.vic.com (8.6.12/8.6.9) with SMTP id VAA01545 for <aprssig@tapr.org>; Tue, 24 Dec 1996 21:28:50 -0500
Message-Id: <199612250228.VAA01545@gatekeeper.vic.com>
Priority: Normal
X-Mailer: Post Road Mailer (Green Edition Ver 2.0)
Date: Tue, 24 Dec 1996 21:33:05 EDT
Reply-To: N4QEA <moyers@vic.com>
Subject: Re: [APRSSIG:7686] MapFix29
Apparently-To: <aprssig@tapr.org>

** Reply to note from aprssig@tapr.org Tue, 24 Dec 1996 19:36:54 -0600 (CST)

>

>

> I just downloaded 77F today and every thing seems to work OK except I can't load a map using

> MapFix29. Works fine using MapFix28. Anyone else having this problem? 73, and Merry

> Christmas everyone, Jud, KE4HFX))((((() _ _ ([o o]

Yes, I have had the problem. The work around is DON'T put the .MAP on the end of the

filename. The bad problem is that you can't load .DAT files only .MAP files. So don't delete

your copy of mapfix28.exe yet.

73 John N4QEA

John Moyers N4QEA
PACKET - N4QEA @ N4QEA.#METN.TN.USA.NA
INET - moyers@vic.com
Cruise Missile - 36 02.86N 083 55.40W A=0001100

From schiers@ames.net Tue Dec 24 20:43:28 1996
Received: from brain.ames.net (brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA04009 for <aprssig@tapr.org>; Tue, 24 Dec 1996 20:43:26 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net (8.6.12/8.6.9) with SMTP id UAA24298 for <aprssig@tapr.org>; Tue, 24 Dec 1996 20:41:56 -0600
Message-Id: <199612250241.UAA24298@brain.ames.net>
Date: Tue, 24 Dec 96 20:42:26 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7681] WinAPRS 1.1.8 & Peet Bros U-2000
In-Reply-To: <961224163250_1155318519@emout01.mail.aol.com>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <961224163250_1155318519@emout01.mail.aol.com>, on 12/24/96 at 03:38

PM,

BordingK@aol.com said:

>Just loaded up WinAPRS 1.1.8 and noticed something weird! In both
>Weather List window and surrounding my station icon it shows all wx info
>correctly EXCEPT WIND GUST. New display shows winds (0) / wind gust.
>That shows as -1120 MPH. This a light breeze, but it doesn't seem that
>windy! ha ha (or ho ho)

>In Weather Display High and Low wind seems normal.

>Anyone else having same/similar problem.

>Merry Christmas to all!

>de KF4COH

>Ken in Jax. FL

I talked to both Mark and Keith earlier in the evening. When they added the Davis baro support, it broke the U2000 stuff. They are aware of the problem and working on it. 73

hasan schiers, NOAN

schiers@ames.net

From kc4hdk@gate.net Tue Dec 24 21:26:50 1996

Received: from osceola.gate.net (root@osceola.gate.net [199.227.0.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA05505 for <aprssig@tapr.org>; Tue, 24 Dec 1996 21:26:49 -0600 (CST)

Received: from robert-j.-dye (pslfl3-51.gate.net [199.227.20.178]) by osceola.gate.net (8.8.4/8.6.12) with ESMTP id WAA53562 for <aprssig@tapr.org>; Tue, 24 Dec 1996 22:26:49 -0500

Message-Id: <199612250326.WAA53562@osceola.gate.net>

Reply-To: <kc4hdk@gate.net>

From: "Bob Dye" <kc4hdk@gate.net>

To: "aprs sig" <aprssig@tapr.org>

Subject: Garmin 45XL Data Cable

Date: Tue, 24 Dec 1996 22:23:39 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I just purchased the Garmin 45XL with the data cable and did the old resistor "pull down" trick on the gps to computer line and the NEMA data is going to the computer just fine. I then took a resistor and a diode in series with a zener to ground to change the -12 to +12 to 0 or +5 for the computer to the gps. This works great on loop back test ect. Delorme Street Atlas 4.0 and Map Expert both read/write waypoints to the GPS and I

can't seem to get these features working. The tracking functions work great. Are the other control lines of the RS232 being used? Anybody with any input I would appreciate it. Please e-mail below.

Thanks,

Bob
kc4hdk@gate.net
561.552.3114 Voice Mail

Merry Christmas!

From ssykes@emirates.net.ae Tue Dec 24 21:44:00 1996
Received: from ns2.emirates.net.ae (csc009.emirates.net.ae [194.170.1.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA06005 for <aprssig@tapr.org>; Tue, 24 Dec 1996 21:43:56 -0600 (CST)
Received: from csg032.emirates.net.ae (csg032.emirates.net.ae [194.170.127.32]) by ns2.emirates.net.ae (SMI-8.6/8.6) with SMTP id HAA25067 for <aprssig@tapr.org>; Wed, 25 Dec 1996 07:43:50 +0400
Received: by csg032.emirates.net.ae with Microsoft Mail
id <01BBF237.5D368DC0@csg032.emirates.net.ae>; Wed, 25 Dec 1996 07:43:48 +0400
Message-ID: <01BBF237.5D368DC0@csg032.emirates.net.ae>
From: Stephan Sykes <ssykes@emirates.net.ae>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: Garmin GPS II
Date: Wed, 25 Dec 1996 07:40:29 +0400
Return-Receipt-To: <ssykes@emirates.net.ae>
Encoding: 7 TEXT

When I was back in the States this fall, I purchased a GPS II. Is there a program which takes the track data from it to generate a map? I am trying to develop a map of the UAE.

Steve Sykes
KD2OM/A61AA
Abu Dhabi, UAE

From jerryr49@magg.net Tue Dec 24 21:49:35 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA06340 for <aprssig@tapr.org>; Tue, 24 Dec 1996 21:49:34 -0600 (CST)
Received: from wpb-101.magg.net (wpb-101.magg.net [205.218.112.101]) by grumpy.magg.net (8.8.3/8.8.3-Zaph-1) with SMTP id WAA00763; Tue, 24 Dec 1996 22:49:28 -0500
Received: by wpb-101.magg.net with Microsoft Mail
id <01BBF1EC.0901A820@wpb-101.magg.net>; Tue, 24 Dec 1996 22:44:34 -0500
Message-ID: <01BBF1EC.0901A820@wpb-101.magg.net>
From: Jerry Rector <jerryr49@magg.net>
To: "'sproul@ap.org'" <sproul@ap.org>

Cc: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: WinAPRS 1.1.8
Date: Tue, 24 Dec 1996 22:44:24 -0500
Return-Receipt-To: <jerryr49@magg.net>
Encoding: 21 TEXT

Mark:

Under Win95 - 386 - 16-Meg

WinAPRS 1.1.8 with Davis Wx Monitor II

Cannot now transmit weather data packet -
gives WinAPRS Alert box : Weather Data Invalid

Weather data in display window is OK

WinAPRS 1.1.7 does not give this error, and
transmits weather data OK

(MFJ TNC on Port 2 (9600 8N1))
(Davis Weather Monitor II on Port 4 (2400 8N1))

Again, problem first showed up on 1.1.8

73,
Jerry, KB40AM
jerryr49@magg.net

From ku0g@sprynet.com Tue Dec 24 22:49:56 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA08563 for <aprssig@tapr.org>; Tue, 24 Dec 1996
22:49:52 -0600 (CST)
Received: from JIMDUNCA (ts2-p52.wwi.net [204.153.64.153]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id UAA26711 for <aprssig@tapr.org>; Tue, 24 Dec 1996
20:49:47 -0800
Date: Tue, 24 Dec 1996 20:49:47 -0800
Message-Id: <199612250449.UAA26711@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7690] Garmin GPS II

At 21:47 12/24/96 -0600, you wrote:

>When I was back in the States this fall, I purchased a GPS II. Is there a
>program which takes the track data from it to generate a map? I am trying
>to develop a map of the UAE.

>

>Steve Sykes
>KD2OM/A61AA
>Abu Dhabi, UAE

Steve:

Did you know that the GPS-II was recalled by Garmin due to bad software (I think)...Perhaps Paul, N0LRF, will enlighten us???

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From N2ZRC@gnn.com Wed Dec 25 00:07:09 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA15328 for <aprssig@tapr.org>; Wed, 25 Dec 1996 00:07:07 -0600 (CST)
Received: from 38-31.client.gnn.com. (38-31.client.gnn.com [205.188.38.31]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id BAA15294 for <aprssig@tapr.org>; Wed, 25 Dec 1996 01:06:31 -0500 (EST)
Message-Id: <199612250606.BAA15294@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Dec 1996 01:05:41
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Re: 30-meter band expansion?

Hi All,

On Tue, 24 Dec 1996 Jim Duncan replied to my:

```
>>*****  
>> + expanded worldwide, primary allocations at 10100 to 10350  
>> and 14000 to 14400 kHz  
>>*****
```

with

>Oh, YES!!!

I think those that've responded so far have missed the point I noticed. We've been fortunate in that "our" 30M frequency is right there at the very EDGE of this admittedly underutilized band (and it's selection was obviously, at the time, well thought out) but if it's extended up another 200 kHz, we'll be far more susceptible to QRM as folks will figure "hey, let's go park ourselves on this nice even number of 10.150 and play PACTOR" or some such.

We may have to move APRS 30M ops up to 10.351 LSB in order to preserve what we've got. Which, of course, is a better idea than going DOWN to 10.099 USB (you can always cut OFF a few inches from the old dipole,

adding it on is a bit more of a problem.)

As for the proposed Amateur ops at 4.9 MHz, I dunno. That rubs me the wrong way, too close to the Time Beacons on 5 MHz ... BIG signals lots of people (including Hams) rely on. And kind of like operating too near the 20M beacon frequencies. The whole idea appeals to me about the same as the sound of fingernails on a blackboard.

All this, of course, is just the take from a lowly no-code that's been an SWL for about the past twenty or so years. 73 & a Very Merry to All.

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From ksproul@hardees.rutgers.edu Wed Dec 25 00:22:53 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA15856 for <aprssig@tapr.org>; Wed, 25 Dec 1996 00:22:51 -0600 (CST)
Received: (from ksproul@localhost) by hardees.rutgers.edu (8.6.12+bestmx+oldruq+newsunq/8.6.12) id BAA05147 for aprssig@tapr.org; Wed, 25 Dec 1996 01:22:50 -0500
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Wed, 25 Dec 96 1:22:50 EST
From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
Subject: WinAPRS 1.1.9
To: aprssig@tapr.org
Message-ID: <CMM-RU.1.5.851494970.ksproul@hardees.rutgers.edu>

There were a couple minor problems with the version we released today.

The first problem was a minor issue with the display of DOS maps. We added support for the DOS Compressed Map format, and this led to a bug in the NORMAL DOS maps.

The other bug was in the weather stuff. We had added a couple features in the DAVIS weather stuff and this caused the U-2000 to have a problem.

All of this should be fixed now.

We would like thank Hasan Schiers (N0AN) and Bob (w2/g3zfy) for their help in finding and solving these problems. We would especially like to thank Hasan for helping with this late on Christmas Eve...

Mark and Keith Sproul

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From ssykes@emirates.net.ae Wed Dec 25 00:31:23 1996
Received: from ns2.emirates.net.ae (csc009.emirates.net.ae [194.170.1.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA16238 for <aprssig@tapr.org>; Wed, 25 Dec 1996 00:31:17 -0600 (CST)
Received: from csg065.emirates.net.ae (csg065.emirates.net.ae [194.170.127.65]) by ns2.emirates.net.ae (SMI-8.6/8.6) with SMTP id KAA05136 for <aprssig@tapr.org>; Wed, 25 Dec 1996 10:31:11 +0400
Received: by csg065.emirates.net.ae with Microsoft Mail
id <01BBF24E.BF0EA700@csg065.emirates.net.ae>; Wed, 25 Dec 1996 10:31:10 +0400
Message-ID: <01BBF24E.BF0EA700@csg065.emirates.net.ae>
From: Stephan Sykes <ssykes@emirates.net.ae>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:7692] Re: Garmin GPS II
Date: Wed, 25 Dec 1996 09:17:30 +0400
Return-Receipt-To: <ssykes@emirates.net.ae>
Encoding: 34 TEXT

No I didn't. I just got it about 1 week ago. It wasn't even released when I was in the states. It does seem to take a long time to lock on when first turning on. Maybe I should contact Garmin?
Steve

From: Jim Duncan[SMTP:ku0g@sprynet.com]
Sent: Wednesday, December 25, 1996 2:54 AM
To: aprssig@tapr.org
Subject: [APRSSIG:7692] Re: Garmin GPS II

At 21:47 12/24/96 -0600, you wrote:
>When I was back in the States this fall, I purchased a GPS II. Is there a
>program which takes the track data from it to generate a map? I am trying
>to develop a map of the UAE.
>
>Steve Sykes
>KD2OM/A61AA
>Abu Dhabi, UAE

Steve:

Did you know that the GPS-II was recalled by Garmin due to bad software (I think)...Perhaps Paul, N0LRF, will enlighten us???

73 de Jim, KU0G
Chairman/Coordinator

Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From sdimse@bridge.net Wed Dec 25 01:22:22 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA20711 for <aprssig@tapr.org>; Wed, 25 Dec 1996 01:22:20 -0600 (CST)
Received: from [207.16.5.65] (ppp-mia2-65.bridge.net [207.16.5.65]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id CAA29092 for <aprssig@tapr.org>; Wed, 25 Dec 1996 02:22:13 -0500 (EST)
Message-Id: <199612250722.CAA29092@newworld.bridge.net>
Subject: Re: [APRSSIG:7694] WinAPRS 1.1.9
Date: Wed, 25 Dec 96 02:22:46 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Sent: 12/25/96 1:28 AM
>Received: 12/25/96 2:20 AM
>From: Keith Sproul, ksproul@hardees.rutgers.edu

Geez, your up late...at least I have the excuse of being at work...

So how come the Windows version is always the first out of the gates these days?

Merry Xmas de Steve

From n0lrf@amsat.org Wed Dec 25 06:55:56 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA29868 for <aprssig@tapr.org>; Wed, 25 Dec 1996 06:55:54 -0600 (CST)
Received: from pm6_06.computer-services.com (pm6_06.computer-services.com [206.101.232.153]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id GAA32365 for <aprssig@tapr.org>; Wed, 25 Dec 1996 06:56:10 -0600
Message-ID: <32C1402E.3F81@amsat.org>
Date: Wed, 25 Dec 1996 06:54:38 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7695] Re: Garmin GPS II
References: <01BBF24E.BF0EA700@csg065.emirates.net.ae>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stephan Sykes wrote:

>
> No I didn't. I just got it about 1 week ago. It wasn't even released when
> I was in the states. It does seem to take a long time to lock on when
> first turning on. Maybe I should contact Garmin?
> Steve

> >When I was back in the States this fall, I purchased a GPS II. Is there a
> >program which takes the track data from it to generate a map? I am trying
> >to develop a map of the UAE.

> >

> >Steve Sykes
> >KD2OM/A61AA
> >Abu Dhabi, UAE

>

> Steve:

>

> Did you know that the GPS-II was recalled by Garmin due to bad software (I
> think)...Perhaps Paul, N0LRF, will enlighten us??

Steve, your best bet is to contact Product Support for their help. I do not know the answers, but will try to find out...I hope there is a toll-free phone # to call from over there. The State-side one is 800-800-1020. BTW, I'm sure there is some software available to replay your tracks. Ask Product Support about that too.

Happy Holidays,

--

73, Paul, n0lrf@amsat.org

From tomcmugs@n-link.com Wed Dec 25 07:19:29 1996

Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA00624 for <aprssig@tapr.org>; Wed, 25 Dec 1996 07:19:28 -0600 (CST)

Received: from tomcmugs (blackfoot78 [208.135.244.78]) by n-link.com (8.6.12/8.6.9) with SMTP id HAA02204 for <aprssig@tapr.org>; Wed, 25 Dec 1996 07:19:25 -0600

Message-ID: <32C146CB.976@n-link.com>

Date: Wed, 25 Dec 1996 07:22:51 -0800

From: Tommie Taylor <tomcmugs@n-link.com>

Organization: A1 Kustom Mugs

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: "aprssig@tapr.org" <aprssig@tapr.org>

Subject: MC

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

MERRY CHRISTMAS TO ALL...

Lampasas, TX

--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113
WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)
<http://www.web2.com/cmugs/>
Internet: tomcmugs@n-link.com / tomcmugs@juno.com
Phone: (512) 556-4691 This is also a FAX Request line

From rhiii@mnsinc.com Wed Dec 25 07:52:43 1996
Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA01761 for <aprssig@tapr.org>; Wed, 25 Dec 1996
07:52:42 -0600 (CST)
Received: from news2.mnsinc.com (news2.mnsinc.com [206.55.3.16]) by
mail1.mnsinc.com (8.8.3/8.7.3) with ESMTP id IAA23701 for <aprssig@tapr.org>; Wed,
25 Dec 1996 08:52:41 -0500 (EST)
Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by
news2.mnsinc.com (8.8.3/8.7.3) with SMTP id IAA25163 for <aprssig@tapr.org>; Wed,
25 Dec 1996 08:52:40 -0500 (EST)
From: rhiii@mnsinc.com (Richard H.)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7654] 40 Meter
Date: Wed, 25 Dec 1996 13:50:59 GMT
Message-ID: <32c3305a.9300948@relay.mnsinc.com>
References: <01IDDS2GY9W2001976@scanva.canton.edu>
In-Reply-To: <01IDDS2GY9W2001976@scanva.canton.edu>
X-Mailer: Forte Agent .99f/16.299
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Have six stations heard so far on 7085:
WB8SKP, NU5Q, KB4IVO, WV0T-9, N0LRF, WA4HEI

All with quite good copy into N. VA -- 50 sw of Wash DC.

-- de Richard/N2JR

From schiers@ames.net Wed Dec 25 07:59:00 1996
Received: from brain.ames.net (brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA01872 for <aprssig@tapr.org>; Wed, 25 Dec 1996
07:58:59 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id HAA26374 for <aprssig@tapr.org>; Wed, 25 Dec 1996
07:57:18 -0600
Message-Id: <199612251357.HAA26374@brain.ames.net>
Date: Wed, 25 Dec 96 07:56:53 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7693] Re: 30-meter band expansion?
In-Reply-To: <199612250606.BAA15294@mail-e2b.gnn.com>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <199612250606.BAA15294@mail-e2b.gnn.com>, on 12/25/96 at 12:14 AM,
N2ZRC@gnn.com (Arte Booten) said:

> We may have to move APRS 30M ops up to 10.351 LSB in order to pre-
>serve what we've got. Which, of course, is a better idea than going DOWN
>to 10.099 USB (you can always cut OFF a few inches from the old dipole,
>adding it on is a bit more of a problem.)

I agree, if a move is contemplated (and admittedly this is way down the line), we should move UP to the band edge just like we are now. It will save lots of qrm, AND in my special case, improve the performance of my Log Periodic. I will have to go into my TS-870s and figure out how to open up "out of band transmit". Even now, I can't transmit on 10.151 lsb. Rig refuses to go into tx because it detects out of band. Hence, I am on 10.147 usb. 73,

hasan schiers, NOAN

schiers@ames.net

From jvoisin@nebula.ispace.com Wed Dec 25 08:34:51 1996
Received: from nebula.ispace.com (root@nebula.ispace.com [207.204.40.7]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03176 for <aprssig@tapr.org>; Wed, 25 Dec 1996 08:34:49 -0600 (CST)
Received: from quasar.ispace.com (orl-118.ispace.com [207.204.40.118]) by nebula.ispace.com (8.6.11/8.6.9) with ESMTP id JAA22034 for <aprssig@tapr.org>; Wed, 25 Dec 1996 09:33:27 -0500
Message-Id: <199612251433.JAA22034@nebula.ispace.com>
From: "Jacques C. VOISIN" <jvoisin@nebula.ispace.com>
To: <aprssig@tapr.org>
Subject: Dos APRS manual
Date: Wed, 25 Dec 1996 09:25:59 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings to all!

I finally finished the APRS Dos Manual and it includes ver 77e. The manual includes all readme files of Bob's distribution plus some trips and tricks. The manual has a table of content and an Index to help find answers for problems or question. The cost is \$15.00 plus shipping \$7.00 or if you come to Orlando Hamcation it will be there. Unfortunately it is too heavy to send USPS express mail as I took a sample to get the shipping price. If you want the manual send \$15.00 plus shipping cost, check or money order to:

Jacques Voisin, KD4TWB
1245 Minnesota Street
Orlando, FL 32803

I want you to know that I am not making any big money out of this just covering my expenses.

If you have any questions please address E-Mail direct to me so that we do not put too much bandwidth on the SIG.

73's

Jacques, KD4TWB

From judlynn@norfolk.infi.net Wed Dec 25 10:04:43 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA06171 for <aprssig@tapr.org>; Wed, 25 Dec 1996
10:04:42 -0600 (CST)
Received: from pa6dsp22.orf.infi.net by mh004.infi.net with SMTP
(Infinet-S-3.3) id LAA18010; Wed, 25 Dec 1996 11:05:09 -0500 (EST)
Date: Wed, 25 Dec 1996 11:05:09 -0500 (EST)
Message-Id: <199612251605.LAA18010@mh004.infi.net>
X-Sender: judlynn@norfolk.infi.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jud <judlynn@norfolk.infi.net>
Subject: MapFix29

I just downloaded 77F today and every thing seems to work OK except I can't
load a map using MapFix29. Works fine using MapFix28. Anyone else having
this problem?

73, and Merry Christmas everyone, Jud, KE4HFX

))((((

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[o o]

=====000==(_)==000=====

Jud French, KE4HFX

judlynn@norfolk.infi.net

=====

5423 Barnhollow Rd.

Norfolk, VA 23502-3604

From kb8pff@juno.com Wed Dec 25 11:13:29 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA08217 for <aprssig@tapr.org>; Wed, 25
Dec 1996 11:13:27 -0600 (CST)
From: kb8pff@juno.com
Received: (from kb8pff@juno.com) by x9.boston.juno.com (queuemail)
id MJ008095; Wed, 25 Dec 1996 12:12:18 EST
To: aprssig@tapr.org
Subject: Re: Dos APRS manual
Message-ID: <19961225.120528.7391.0.kb8pff@juno.com>
References: <199612251433.JAA22034@nebula.ispace.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-30,32-33
Date: Wed, 25 Dec 1996 12:12:18 EST

On Wed, 25 Dec 1996 08:41:38 -0600 (CST) "Jacques C. VOISIN"

<jvoisin@nebula.ispace.com> writes:

>Greetings to all!

>I finally finished the APRS Dos Manual and it includes ver 77e. The
>manual
>includes all read me files of Bob's distribution plus some trips and
>tricks.
>The manual has a table of content and an Index to help find answers
>for
>problems or question. The cost is \$15.00 plus shipping \$7.00 or if you
>come
>to Orlando Hamcation it will be there. Unfortunately it is too heavy
>to
>send USPS express mail as I took a sample to get the shipping price.
>If you
>want the manual send \$15.00 plus shipping cost, check or money order
>to:
>Jacques Voisin, KD4TWB
>1245 Minnesota Street
>Orlando, FL 32803
>I want you to know that I am not making any big money out of this just
>covering my expenses.
>If you have any questions please address E-Mail direct to me so that
>we do
>not put too much bandwidth on the SIG.
>73's
>Jacques, KD4TWB
>
>

Why not just upload it to the Internet somewhere so everyone can have it!

Sounds fair to me, anyone else think so ?

From LTCCohen@artsci.net Wed Dec 25 12:14:58 1996
Received: from mercury.artsci.net ([206.171.253.66]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id MAA10342 for <aprssig@tapr.org>; Wed, 25 Dec 1996 12:14:56 -0600
(CST)
Received: from LOCALNAME (pppS16.artsci.net [206.171.253.87]) by
mercury.artsci.net (8.7.6/8.7.3) with SMTP id KAA13905 for <aprssig@tapr.org>;
Wed, 25 Dec 1996 10:18:24 -0800
Message-ID: <32C16DB6.5F4D@artsci.net>
Date: Wed, 25 Dec 1996 10:08:54 -0800
From: Marc Cohen <LTCCohen@artsci.net>
Reply-To: LTCCohen@artsci.net
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: APRS Bob Bruninga <aprssig@tapr.org>
Subject: Recent Order
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good morning and Merry Xmas. I writing on behalf of my friend, David Moyer (Palmdale CA). He placed an order from you about two weeks ago and would like to know the status of the shipment.

He ordered a map, validation and most current version.

Also, if I want to use his latest version, do I just send you \$14 for the validation?

Thanks for your time.

Marc Cohen
ltccohen@artsci.net

From n0lrf@amsat.org Wed Dec 25 14:36:06 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA15181 for <aprssig@tapr.org>; Wed, 25 Dec 1996 14:36:05 -0600 (CST)
Received: from pm6_10.computer-services.com (pm6_10.computer-services.com [206.101.232.157]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id OAA02652 for <aprssig@tapr.org>; Wed, 25 Dec 1996 14:36:22 -0600
Message-ID: <32C1ABCF.24E2@amsat.org>
Date: Wed, 25 Dec 1996 14:33:51 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: 40m Report...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Season's Greetings SIG-Heads,

Plan to stay on 7.085.00 LSB for a few days now...

Have seen this Christmas day:

N2JR, Richard, Warrenton, VA
VA3MW, WX, Canada (all I know)
VE3DOH, WX, ditto
NU5Q, Carl, Slidell, LA
WA4HEI, Pete, UP, MI

All had S9 to S9+15 signals. Please come join us and set ur UNproto to GATE,WIDE so the locals can CU2.

Happy work tomorrow for some of us!

--

73, Paul, n0lrf@amsat.org

From kb6lfm@ix.netcom.com Wed Dec 25 16:07:29 1996
Received: from dfw-ix10.ix.netcom.com (dfw-ix10.ix.netcom.com [206.214.98.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA18009 for <aprssig@tapr.org>; Wed, 25 Dec 1996 16:07:27 -0600 (CST)
Received: from -kb6lfm (ala-ca19-21.ix.netcom.com [205.187.212.53]) by dfw-

ix10.ix.netcom.com (8.6.13/8.6.12) with SMTP id OAA15442 for <aprssig@tapr.org>;
Wed, 25 Dec 1996 14:07:11 -0800
Message-ID: <32C1A58D.498D@ix.netcom.com>
Date: Wed, 25 Dec 1996 14:07:10 -0800
From: kb6lfm <kb6lfm@ix.netcom.com>
Reply-To: kb6lfm@ix.netcom.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7700] Re: 30-meter band expansion?
References: <199612251357.HAA26374@brain.ames.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

schiers@ames.net wrote:

>
> In <199612250606.BAA15294@mail-e2b.gnn.com>, on 12/25/96 at 12:14 AM,
> N2ZRC@gnn.com (Arte Booten) said:
>
> > We may have to move APRS 30M ops up to 10.351 LSB in order to pre-
> >serve what we've got. Which, of course, is a better idea than going DOWN
> >to 10.099 USB (you can always cut OFF a few inches from the old dipole,
> >adding it on is a bit more of a problem.)
>
> I agree, if a move is contemplated (and admittedly this is way down the
> line), we should move UP to the band edge just like we are now. It will
> save lots of qrm, AND in my special case, improve the performance of my
> Log Periodic. I will have to go into my TS-870s and figure out how to open
> up "out of band transmit". Even now, I can't transmit on 10.151 lsb. Rig
> refuses to go into tx because it detects out of band. Hence, I am on
> 10.147 usb. 73,
>
> hasan schiers, NOAN
> -----
> schiers@ames.net
> -----

KB6LFM WRITES:

FSK is the answer to your problems Hasan. Happy & SAFE Holidays!

Bill/LFM

APRS Gateway Stn. for the West Coast

From bruninga@nadm.navy.mil Wed Dec 25 16:33:30 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA19005 for <aprssig@tapr.org>; Wed, 25
Dec 1996 16:33:29 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id RAA20932 for <aprssig@tapr.org>; Wed, 25 Dec 1996

17:38:48 -0500 (EST)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 25 Dec 1996 17:38:48 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7690] Garmin GPS II
In-Reply-To: <01BBF237.5D368DC0@csg032.emirates.net.ae>
Message-ID: <Pine.GS0.3.95.961225173808.20911D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Dec 1996, Stephan Sykes wrote:

> When I was back in the States this fall, I purchased a GPS II. Is there a
> program which takes the track data from it to generate a map? I am trying
> to develop a map of the UAE.
>

APRSDos REPLY/COMMENT: I have digitized a map of Dujbai... will look for
it next week...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadn.navy.mil Wed Dec 25 16:40:18 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA19129 for <aprssig@tapr.org>; Wed, 25
Dec 1996 16:40:16 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id RAA20955 for <aprssig@tapr.org>; Wed, 25 Dec 1996
17:45:31 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 25 Dec 1996 17:45:31 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7704] Recent Order
In-Reply-To: <32C16DB6.5F4D@artsci.net>
Message-ID: <Pine.GS0.3.95.961225174423.20911F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Dec 1996, Marc Cohen wrote:

> Good morning and Merry Xmas. I writing on behalf of my friend, David
> Moye (Palmdale CA). He placed an order from you about two weeks ago and
> would like to know the status of the shipment.
>
> He ordered a map, validation and most current version.

APRSdos REPLY/COMMENT: I have made a map of Los Angeles for someone and have been carryin it around for aweek. Cnat find the guys form, so I dont know who to send it to. He lived near Palmdale CA I think???

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From kc5ejk@onramp.net Wed Dec 25 19:37:30 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA24849 for <aprssig@tapr.org>; Wed, 25 Dec 1996 19:37:28 -0600 (CST)
Received: from [199.1.11.102] (dal02.onramp.net [199.1.11.102]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id TAA24440 for <aprssig@tapr.org>; Wed, 25 Dec 1996 19:37:24 -0600 (CST)
Message-Id: <v03007801aee784df81f1@[199.1.11.109]>
In-Reply-To: <19961225.120528.7391.0.kb8pff@juno.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Dec 1996 19:37:59 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7703] Re: Dos APRS manual

>Why not just upload it to the Internet somewhere so everyone
>can have it!
>Sounds fair to me, anyone else think so ?

No!
Well, "trips and tricks" do have some value :-)
Some people don't have printers and might like a well printed manual.

A person with full internet access can find several places that have the same docs of the readme files.
"Let your brain do the walking"

You could also "See the movie or buy the APRS Book"

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From Josephson@TIGGER.STCLOUD.MSUS.EDU Wed Dec 25 19:55:16 1996
Received: from tigger.stcloud.msus.edu (tigger.STCLOUD.MSUS.EDU [199.17.25.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA25329 for <aprssig@tapr.org>; Wed, 25 Dec 1996 19:55:14 -0600 (CST)
Received: from 199.17.26.19 (COMM17P01.STCLOUD.MSUS.EDU) by TIGGER.STCLOUD.MSUS.EDU (PMDF V5.1-5 #16214) with SMTP id <01IDFTMGHFH4006Y71@TIGGER.STCLOUD.MSUS.EDU> for aprssig@tapr.org; Wed, 25 Dec 1996 19:59:24 CST
Date: Wed, 25 Dec 1996 19:54:24 -0600

From: Rich Josephson <Josephson@TIGGER.STCLOUD.MSUS.EDU>
Subject: KPC-3 / Mac aprs interface
To: aprssig@tapr.org
Message-id: <32C1DAD0.138@stcloud.msus.edu>
MIME-version: 1.0
X-Mailer: Mozilla 3.0 (Macintosh; I; PPC)
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
References: <19961225.120528.7391.0.kb8pff@juno.com>

I just got a new Kantronics KPC-3 and and trying to get it to work with the Mac APRS version 2.6.7. I am using a commercial modem cable. In the manual they talk about jumpers between pins 5 and 20 (CTS and DTR) Any other thoughts before I start looking for a couple DB-25 connectors to install the jumpers? Thanks>

Rich Josephson
josephson@stcloud.msus.edu

From dvanhorn@cedar.net Wed Dec 25 20:10:30 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA25799 for <aprssig@tapr.org>; Wed, 25 Dec 1996 20:10:29 -0600 (CST)
Received: from hammer.stonewest.com (and-003-9.iquest.net [206.53.241.137]) by www.cedar.net (8.6.8.1/SC05) with SMTP id CAA25951 for <aprssig@tapr.org>; Thu, 26 Dec 1996 02:09:30 GMT
Message-ID: <32C1EC2F.359B@cedar.net>
Date: Wed, 25 Dec 1996 21:08:31 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: <http://www.stonewest.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Compass input
References: <199612231335.FAA16706@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How does APRS take a doppler heading input (relative to vehicle) and translate it to a bearing (relative to earth).

I see how you can take a track where the vehicle is moving and establish the vehicle's orientation, assuming you aren't driving backwards or crabbing a heli, but at low speeds, the GPS 50' error is going to be a big problem. Two sequential position reports can be off by 100' at max, and in an unspecified direction. The average error between two positions is probably more like 25', so unless I'm moving more than 25fps, the error induced "noise" is a larger portion of my true vector than my motion is. This would be a problem.

Is there any way to input compass data (IE Precision Navagation) into the system?

Thanks

From dayglo@radix.net Wed Dec 25 21:02:47 1996
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27774 for <aprssig@tapr.org>; Wed, 25 Dec 1996 21:02:18 -0600 (CST)
Received: from saltmine.radix.net (dialin1.annex1.radix.net [204.157.128.2]) by news1.radix.net (8.8.3/8.8.3) with SMTP id WAA02125 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:03:56 -0500 (EST)
Message-Id: <2.2.32.19961226030151.0070f8c8@pop.radix.net>
X-Sender: dayglo@pop.radix.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Dec 1996 22:01:51 -0500
To: aprssig@tapr.org
From: Dayglo <dayglo@radix.net>
Subject: Re: [APRSSIG:7711] Compass input

>Is there any way to input compass data (IE Precision Navagation) into
>the system?

I do not have an answer to this question but would be very interested in one. The Vector 2X application notes state that one of the uses of the compass is a GPS system backup for azimuth data. I was hoping to incorporate it into my system as a backup whenever satellites are not available for the GPS. For people looking for more information point your browser to:
<http://www.pcweb.com/pni/>.

From sdimse@bridge.net Wed Dec 25 21:06:36 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA28128 for <aprssig@tapr.org>; Wed, 25 Dec 1996 21:06:33 -0600 (CST)
Received: from [207.16.5.76] (ppp-mia2-76.bridge.net [207.16.5.76]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id WAA05512 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:06:27 -0500 (EST)
Message-Id: <199612260306.WAA05512@newworld.bridge.net>
Subject: Re: [APRSSIG:7711] Compass input
Date: Wed, 25 Dec 96 22:07:02 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>How does APRS take a doppler heading input (relative to vehicle) and
>translate it to a bearing (relative to earth).

>

>I see how you can take a track where the vehicle is moving and establish
>the vehicle's orientation, assuming you aren't driving backwards or
>crabbing a heli, but at low speeds, the GPS 50' error is going to be

>a big problem. Two sequential position reports can be off by 100' at
>max, and in an unspecified direction. The average error between two
>positions is probably more like 25', so unless I'm moving more than
>25fps, the error induced "noise" is a larger portion of my true vector
>than my motion is. This would be a problem.
>

GPS doesn't use successive positions to obtain course and speed, rather
it uses the doppler shifts of the received signals, which with a
multi-channel receiver is quite accurate. When travelling a straight road
I rarely see more than 0.5 degree swings of the heading. The bigger
problem is when stopped, some gps's will hold the last compass reading
with a significant velocity, but most continue to report headings which
swing wildly and have no relation to actual vehicle heading. Since many
electronic compasses put out NMEA strings, in theory APRS ought to be
able to read this data, but I don't know whether this feature is
implemented in Mac/Win/APRS/dos. Bob? Keith? Mark?

Steve K4HG

From dayglo@radix.net Wed Dec 25 21:12:08 1996
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA28291 for <aprssig@tapr.org>; Wed, 25 Dec 1996
21:12:06 -0600 (CST)
Received: from saltmine.radix.net (dialin1.annex1.radix.net [204.157.128.2]) by
news1.radix.net (8.8.3/8.8.3) with SMTP id WAA02508 for <aprssig@tapr.org>; Wed,
25 Dec 1996 22:14:09 -0500 (EST)
Message-Id: <2.2.32.19961226031203.0071a420@pop.radix.net>
X-Sender: dayglo@pop.radix.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Dec 1996 22:12:03 -0500
To: aprssig@tapr.org
From: Dayglo <dayglo@radix.net>
Subject: Re: [APRSSIG:7711] Compass input

>Is there any way to input compass data (IE Precision Navagation) into
>the system?

I just hit their web page and found a relatively new product they
manufacture called the TCM2. This compass will output heading information
in NMEA 0183 format. Sounds all that you would need is a microcontroller
controlling the flow of data between the GPS and the compass.

From sparkfel@primenet.com Wed Dec 25 21:25:01 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA28733 for <aprssig@tapr.org>; Wed, 25
Dec 1996 21:24:59 -0600 (CST)
Received: from ip-21-047.phx.primenet.com (ip-21-047.phx.primenet.com
[206.165.21.47]) by primenet.com (8.8.3/8.8.3) with SMTP id UAA10568 for
<aprssig@tapr.org>; Wed, 25 Dec 1996 20:24:50 -0700 (MST)
Date: Wed, 25 Dec 1996 20:24:50 -0700 (MST)
Message-Id: <3.0.16.19961225202453.0ac7e394@mailhost.primenet.com>

X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 3.0 (16)
To: aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Compass input
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:11 PM 12/25/96 -0600, you wrote:

>I see how you can take a track where the vehicle is moving and establish
>the vehicle's orientation, assuming you aren't driving backwards or
>crabbing a heli, but at low speeds, the GPS 50' error is going to be
>a big problem. Two sequential position reports can be off by 100' at
>max, and in an unspecified direction. The average error between two
>positions is probably more like 25', so unless I'm moving more than
>25fps, the error induced "noise" is a larger portion of my true vector
>than my motion is. This would be a problem.
>
>Is there any way to input compass data (IE Precision Navagation) into
>the system?

I think you assume too much. Bearing reports via GPS are as accurate as any other system as SA only affects position reports and not speed or bearing, assuming you are moving more than about 2 mph. GPS is certainly as accurate as any "hall effect" sensor compass available. Of course, GPS bearing information isn't displayed unless you're moving. In that case some form of direction reporting might be desirable.

73,

Mark KC7BXS

From bcdpe@innova.net Wed Dec 25 21:52:31 1996
Received: from atl1.america.net (ns2.america.net [199.170.121.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA29870 for <aprssig@tapr.org>; Wed, 25 Dec 1996 21:52:29 -0600 (CST)
Received: from rocketman.innova.net (pm4-3.innova.net [206.139.128.45]) by atl1.america.net (8.8.2/8.7.3) with SMTP id WAA11782 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:52:33 -0500 (EST)
Message-ID: <32C1F69B.3FEA@innova.net>
Date: Wed, 25 Dec 1996 22:52:59 -0500
From: Bruce Douberley <bcdpe@innova.net>
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7689] Garmin 45XL Data Cable
References: <199612250326.WAA53562@osceola.gate.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Dye wrote:

>
> I just purchased the Garmin 45XL with the data cable and did the old
> resistor "pull down" trick on the gps to computer line and the NEMA data is
> going to the computer just fine. I then took a resistor and a diode in
> series with a zener to ground to change the -12 to +12 to 0 or +5 for the
> computer to the gps. This works great on loop back test ect. Delorme
> Street Atlas 4.0 and Map Expert both read/write waypoints to the GPS and I
> can't seem to get these features working. The tracking functions work
> great. Are the other control lines of the RS232 being used? Anybody with
> any input I would appreciate it. Please e-mail below.
>
> Thanks,
>
> Bob
> kc4hdk@gate.net
> 561.552.3114 Voice Mail
>
> Merry Christmas!

I have just recently acquired my xmitter(mfj unit) and am using a pk-12.
I did get some kind of data out of the 45xl to the screen with the aprs
adapter and a laptop running aprsdos as hsp (though nothing to xmitter).
I was using my reg #s for aprs and gps. There is nothing happening when
used as a stand alone system. I am not familiar with the resistor pull
down trick mentioned above. The TNC is setup with the instructions from
the AEA manual(gps + to pin 2 of db25 and gps - to pin 1). If anyone
can help please I would greatly appreciate it.
Thanks in advance.
Merry Christmas!!
Bruce Douberley
WB4JNE

From greg@clubnet.net Wed Dec 25 21:55:02 1996
Received: from www.clubnet.net (www.clubnet.net [206.126.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA00105 for <aprssig@tapr.org>; Wed, 25 Dec 1996
21:55:01 -0600 (CST)
Received: from [206.126.145.10] by www.clubnet.net
with SMTP (Apple Internet Mail Server 1.1.1); Wed, 25 Dec 1996 19:57:32 -0800
Subject: Re: [APRSSIG:7692] Re: Garmin GPS II
Date: Wed, 25 Dec 96 19:55:54 -0800
x-sender: greg@www.clubnet.net
x-mailer: Claris Emailer 1.1
From: Greg Noneman <greg@clubnet.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Message-ID: <1360578644-36827790@www.clubnet.net>

The GPS II receiver had a minor software bug that resulted in incorrect
indication of cross track error on the highway screen. The bug was
present in version 2.0.4 an earlier. New shipments (v 2.0.5) have the
problem corrected. Owners with earlier vesrion can return the unit for
upgrade (or replacement). The GPS II is not "sealed" like the GPS 45.

Greg
WB6ZSU
greg@clubnet.net

From kc5ejk@onramp.net Wed Dec 25 22:31:06 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA01561 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:31:04 -0600 (CST)
Received: from [199.1.11.114] (dal14.onramp.net [199.1.11.114]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id WAA17832 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:31:00 -0600 (CST)
Message-Id: <v03007800aee7a268a786@[199.1.11.102]>
In-Reply-To: <32C1DAD0.138@stcloud.msus.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Dec 1996 22:30:54 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7710] KPC-3 / Mac aprs interface

>I just got a new Kantronics KPC-3 and and trying to get it to work with
>the Mac APRS version 2.6.7. I am using a commercial modem cable. In the
>manual they talk about jumpers between pins 5 and 20 (CTS and DTR) Any
>other thoughts before I start looking for a couple DB-25 connectors to
>install the jumpers? Thanks>
>

There are always several flavors of "commercial modem cable".
I had no problem using a PK-96 TNC but the same cable did not work on a
KPC-3 TNC from my PowerBook another one did.
I use a PCMCIA serial card now.

NOTE:

Anyone doing work with a Computer and RS-232 needs to go to Radio-Shack
and get a RS-232 jumper test box. This will save tons of time testing
the computer link to the TNC, GPS, DFjr, WX.

I would give up my SWR meter before I would give up
my RS-232 tester box.

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From davidmc@goodnet.com Wed Dec 25 22:32:33 1996
Received: from goodguy.goodnet.com (goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA01662 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:32:31 -0600 (CST)
Received: from 207.98.131.78 (phx-ts3-13.goodnet.com [207.98.131.78]) by goodguy.goodnet.com (8.8.4/8.8.2) with SMTP id VAA01624 for <aprssig@tapr.org>; Wed, 25 Dec 1996 21:31:43 -0700 (MST)
Message-ID: <32C20028.27FC@goodnet.com>

Date: Wed, 25 Dec 1996 21:33:46 -0700
From: David/Roxanne McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 3.01 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7710] KPC-3 / Mac aprs interface
References: <32C1DAD0.138@stcloud.msus.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Using a terminal program, does the computer talk to the TNC? I used a standard Mac Modem cable without any problems. Get that working first, then try MacAPRS.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ
email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam
Visit the family homepage: <http://www.goodnet.com/~davidmc/>
"As for me and my house, we will serve the Lord." Jos 24:15

Rich Josephson wrote:

>
> I just got a new Kantronics KPC-3 and and trying to get it to work with
> the Mac APRS version 2.6.7. I am using a commercial modem cable. In the
> manual they talk about jumpers between pins 5 and 20 (CTS and DTR) Any
> other thoughts before I start looking for a couple DB-25 connectors to
> install the jumpers? Thanks>
>
> Rich Josephson
> josephson@stcloud.msus.edu

From N2ZRC@gnn.com Wed Dec 25 22:39:17 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA02050 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:39:15 -0600 (CST)
Received: from 67-133.client.gnn.com. (67-133.client.gnn.com [205.188.67.133]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id XAA20758 for <aprssig@tapr.org>; Wed, 25 Dec 1996 23:38:36 -0500 (EST)
Message-Id: <199612260438.XAA20758@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Dec 1996 23:38:05
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Re: 30-meter band expansion?

Hi All & a Very Merry,

On Wed, 25 Dec 1996 Hasan Schiers replied:

>... if a move is contemplated (and admittedly this is way down the line),

>we should move UP to the band edge just like we are now.

I don't remember if this proposed expansion is slated for WRC-97 or WRC-99, but think we will have to move within a very short time of its implementation.

>... I will have to go into my TS-870s and figure out how to open up "out
>of band transmit".

No doubt many of the newest batch of the current crop of HF rigs will be able to transmit in what is now "out-of-band" areas with software patches, adding or removing diodes or some such method. Since many of these new boxes are so heavily reliant on "smart sand," the manufacturers aren't (at least we should hope) so short-sighted as to deny the possibility of future band expansion (or, for that matter, contraction) of "legal" amateur bands.

Mods already exist for allowing most, if not all, of these rigs to operate on MARS and CAP frequencies. I'm sure the engineers at Kenwood, Yaesu, Icom, etc. have considered other possibilities that, when cornered at a hamfest and queried about, get that twinkle in their collective eyes that I know we've all seen and clam up or change the subject.

I remember when the IC-706 was about to be released I saw it at Icom's booth at the New York State Convention. When I asked the fine gentleman about whether or not it is modifiable to the proposed expansion of 40 meters of 6.9 to 7.2 MHz, he rapidly started to point out the unit's current requirements on 13.8 volts. But he DID have THAT look in his eyes ... the one that said, "yeah, but I'm not allowed to tell you about it!" I knew it! 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From kc5ejk@onramp.net Wed Dec 25 22:46:07 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA02460 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:46:05 -0600 (CST)
Received: from [199.1.11.114] (dal14.onramp.net [199.1.11.114]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id WAA20483 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:46:01 -0600 (CST)
Message-Id: <v03007803aee7b2a67865@[199.1.11.114]>
In-Reply-To: <199612250722.CAA29092@newworld.bridge.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Dec 1996 22:45:55 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7696] Re: WinAPRS 1.1.9

>So how come the Windows version is always the first out of the gates
>these days?
>
>Merry Xmas de Steve

Now, this does not apply to Keith or Mark but

"Funny how the Win95 titles always show up first, isn't it? My sources tell me it's because the software publishers know they have to get the Win95 version out first otherwise once the programmers are done writing the Mac version they won't want to work on the Windoze version." :-)

73 and 1997

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From sparkfel@primenet.com Wed Dec 25 22:50:58 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA02795 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:50:57 -0600 (CST)
Received: from ip-22-002.phx.primenet.com (ip-22-002.phx.primenet.com [206.165.22.2]) by primenet.com (8.8.3/8.8.3) with SMTP id VAA29001 for <aprssig@tapr.org>; Wed, 25 Dec 1996 21:50:52 -0700 (MST)
Date: Wed, 25 Dec 1996 21:50:52 -0700 (MST)
Message-Id: <3.0.16.19961225215052.3f67ce3e@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 3.0 (16)
To: aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Compass input
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:11 PM 12/25/96 -0600, you wrote:

>I see how you can take a track where the vehicle is moving and establish
>the vehicle's orientation, assuming you aren't driving backwards or
>crabbing a heli, but at low speeds, the GPS 50' error is going to be
>a big problem. Two sequential position reports can be off by 100' at
>max, and in an unspecified direction. The average error between two
>positions is probably more like 25', so unless I'm moving more than
>25fps, the error induced "noise" is a larger portion of my true vector
>than my motion is. This would be a problem.
>

>Is there any way to input compass data (IE Precision Navagation) into
>the system?

I think you assume too much. Bearing reports via GPS are as accurate as any other system as SA only affects position reports and not speed or bearing, assuming you are moving more than about 2 mph. GPS is certainly as accurate as any "hall effect" sensor compass available. Of course, GPS bearing information isn't displayed unless you're moving. In that case some form of direction reporting might be disirable.

73,

Mark KC7BXS

From wa4ikq@nevets.oau.org Wed Dec 25 22:51:31 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA02826 for <aprssig@tapr.org>; Wed, 25
Dec 1996 22:51:30 -0600 (CST)
Received: by osceola.cs.ucf.edu (SMI-8.6/SMI-SVR4)
id XAA19908; Wed, 25 Dec 1996 23:51:07 -0500
Received: by alfred.oau.org (Smail-3.2 1996-Jul-4 #1)
id <m0vd77j-0002axC@alfred.oau.org>; Wed, 25 Dec 1996 23:08:51 -0500 (EST)
Received: by nevets.oau.org (Smail3.1.29.1 #2)
id m0vd6yb-000Qe2C; Wed, 25 Dec 96 22:59 EST
Message-Id: <m0vd6yb-000Qe2C@nevets.oau.org>
Date: Wed, 25 Dec 96 22:59 EST
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprssig@tapr.org
Subject: APRS MANUAL ON INTERNET
Content-Type: text

On 25 Dec 1996 Robert Winingham, KC5EJK said:

> Subject: [APRSSIG:7709] Re: Dos APRS manual

>

> >Why not just upload it to the Internet somewhere so everyone

> >can have it!

> >Sounds fair to me, anyone else think so ?

>

What is fair? Should KD4TWB be required to go out and purchase a scanner so he could include the illustrations that go with the document on Internet? Obviously, that would raise his cost to those who want a printed copy.

A printed manual is very useful when full screen operations on the computer are running. DOS users cannot create windows to simultaneously display the manual you are speaking of, and those who can, would find the print too small to see, displayed on a typical screen. If you want a free manual, use the one provided with the program you are using, or any of the numerous ones already existing on the Internet. If you want one with a printed index, and illustrations, this is an option.

Geoffrey, wa4ikq@nevets.oau.org

From kipdee@isla.net Wed Dec 25 22:57:20 1996
Received: from mail.isla.net ([206.105.101.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id WAA02990 for <aprssig@tapr.org>; Wed, 25 Dec 1996 22:57:17 -0600 (CST)
Received: by mail.isla.net from localhost
(router,SLMAILNT V2.2); Thu, 26 Dec 1996 00:56:51 Atlantic Standard Time
Received: by mail.isla.net from kipdee
(199.0.181.236::mail daemon; unverified,SLMAILNT V2.2); Thu, 26 Dec 1996
00:56:48 Atlantic Standard Time
Message-ID: <32C204E6.2C07@isla.net>
Date: Thu, 26 Dec 1996 00:53:58 -0400
From: "Hector Cintron" <kipdee@isla.net>
Reply-To: "Hector Cintron" <kipdee@isla.net>
Organization: Island Internet Services
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Weather station equipment
References: <199612252204.QAA17898@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi everyone.

I'm creating a quick reference guide of all weather stations that can
be use with APRS, price & requirements. The reason I'm doing this is
because here in Puerto Rico we are starting a SKYWARN program and we
want to recomend to people to get WX stations that are compatible with
APRS. I have a preliminary chart at:

<http://www.isla.net/skywarn/wx-equip.html>

All comments, suggestions and additions are welcome. Thanks You. TTYL.

\\|//
{'\0-0/'}

==oo0==()==Ooo=====

Happy Holidays & 73's de N1TKK

Hector Cintron - N1TKK
E-mail - kipdee@isla.net
skywarn@isla.net

Puerto Rico SKYWARN Homepage - <http://www.isla.net/skywarn>
Puerto Rico SKYWARN Mailing List -
<http://www.isla.net/skywarn/maillist.html>

I'm Hector Cintron from the clan Cintron, "There Can Be Only one"
@////////|=====*

From dvanhorn@cedar.net Thu Dec 26 00:44:37 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id AAA13611 for <aprssig@tapr.org>; Thu, 26 Dec 1996
00:44:35 -0600 (CST)
Received: from hammer.stonewest.com (and-003-9.iquest.net [206.53.241.137]) by
www.cedar.net (8.6.8.1/SC05) with SMTP id GAA26378 for <aprssig@tapr.org>; Thu, 26
Dec 1996 06:43:40 GMT
Message-ID: <32C22C70.DB3@cedar.net>
Date: Thu, 26 Dec 1996 01:42:40 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: <http://www.stonewest.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7722] Re: Compass input
References: <3.0.16.19961225215052.3f67ce3e@mailhost.primenet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think you assume too much.

Could be, I'm new here, maybe I'm just paranoid.

> Bearing reports via GPS are as accurate as
> any other system as SA only affects position reports and not speed or
> bearing, assuming you are moving more than about 2 mph.

How does that happen? If your positions are in error, then your derived
headings are in error as well.

> GPS is certainly as accurate as any "hall effect" sensor compass
> available.

Maybe this is nitpicking, but NOBODY would use hall effect for a serious
compass, it's way too numb and noisy. The compasses from Radio Shack
are flux gates (a toroid which is saturated with the earth's flux either
adding or subtracting from the applied field) or the PNI type which is
something similar but different, developed by the US Army.

The original models were done by Zemco in Taiwan, with an LCD display
and internal flux gate. The radio shack units are a "low cost" version,
with the flux gate remoted to the outside due to magnetic coupling
between the gage and the flux gate. The original prototype oscillated
wildly because the flux gate was placed within an inch of the gage.
Seems the engineers doing the "low costing" weren't completely in
sync with the technology :)

In any case, there will be some minimum speed where the errors in
the GPS position reports make heading information useless. This speed
is greater than zero.

> Of course, GPS bearing information isn't displayed unless you're

> moving. In that case some form of direction reporting might be
> disirable.

That's the point. I often take bearings while stationary, and I may have turned sharply just before stopping, with a final motion of several feet per second. I stop wherever I can get a clean bearing or a spot that seems free of multipath. I'm worried that the reported bearing will be in error due to inaccuracies in the calculated heading. Huge obvious errors aren't a problem except for wasted time, but an error of say 10 degrees would really cause steam since it would be believable.

I wasn't even getting into SA, just a +/- 50' uncertainty between any pair of readings, and assuming a more or less gaussian distribution around zero. I understand under SA it's 100' error.

What is concerning me is the effects of this uncertainty while moving at low speeds. In foxhunting, I am often trolling at <20 mph and changing direction rapidly. In order for this to work with APRS, it seems to me that you need to be able to get the vehicle's heading within a couple of seconds of a change. If your GPS updates are 1/second, then I think you need a minimum of three seconds to aquire a new heading. The error still applies to each position report, so what I picture is three overlapping circles, with my reported position at the center of the circles, and my actual position being anywhere within the three circles at the time of the report.

Even after all that, I'm still in the dark as to how you relate the doppler bearing to the vehicle heading.

1: Who figures out the vehicle's heading? APRS, or the GPS unit?

2: What is the accuracy of that heading data, assuming that I may stop, turn, or back up at any moment?

Typically, I get 15 seconds to take a bearing, with maybe half that time actually useful due to RX squelch and picket-fencing. Hunting a jammer might be more like 2-3 seconds.

I see how this can work well if I'm flying down the freeway at 55, which is 80.6 FPS. The positions never overlap, and from one to the next, the error isn't too huge. If I'm at 10 mph, that's 14.6 FPS. The error in position is 50', so I could have a reported velocity from 114.6 FPS (78 MPH forward) to -85 FPS (57 MPH backward) between two positions. That assumes + or - 100% of the specified error applied in the direction of travel. The error will probably be from side to side as well, giving potentially about 80 degrees error in the reported heading between positions. If you use longer term averaging, then you risk not noticing a sharp turn till some time after it occurred.

Is the error typically MUCH less than 50' between reports? That would be very comforting!

In any case, I'm assuming that heading data is derived from successive position reports. If I'm sitting still, or moving slowly enough that the error in position reports causes my heading data to have significant errors, then it seems to me that compass input would be the only way to get an accurate heading.

Understand, I haven't come on-line with this mobile yet, I'm just in the "RTFM and see where the potholes might be" mode.

Within a month I should be ready to take this mess mobile and see what I get. I just got the doppler online today, and still haven't dialled it in to exact zero yet. Not much activity on the local repeaters in the last couple of days :)

From dvanhorn@cedar.net Thu Dec 26 00:57:35 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA14561 for <aprssig@tapr.org>; Thu, 26 Dec 1996 00:57:34 -0600 (CST)
Received: from hammer.stonewest.com (and-003-9.iquest.net [206.53.241.137]) by www.cedar.net (8.6.8.1/SC05) with SMTP id GAA26392 for <aprssig@tapr.org>; Thu, 26 Dec 1996 06:56:38 GMT
Message-ID: <32C22F7A.317E@cedar.net>
Date: Thu, 26 Dec 1996 01:55:38 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: <http://www.stonewest.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7713] Re: Compass input
References: <199612260306.WAA05512@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I rarely see more than 0.5 degree swings of the heading. The bigger
> problem is when stopped, some gps's will hold the last compass reading
> with a significant velocity, but most continue to report headings which
> swing wildly and have no relation to actual vehicle heading. Since many
> electronic compasses put out NMEA strings, in theory APRS ought to be
> able to read this data, but I don't know whether this feature is
> implemented in Mac/Win/APRS/dos. Bob? Keith? Mark?
>
> Steve K4HG

This is more or less what I expected. I am suprised by the use of doppler for speed! That is one impressive feat IMHO, as I'm sure my speeds are never a significant fraction of the orbital velocity of a sattelite!

The low speed errors are exactly what is worrying me. I had visions of getting to this before, using odometer pulses and a flux gate to do dead reconing. I would take heading information as available between odo pulses, and if I have multiple readings, average for heading during

a distance interval. In theory, it ought to be accurate, but there's no indication of forward or reverse, and there is no absolute position data available. My original approach was to tune the RX to NWS or other known location transmitters, and triangulate my position from those bearings. Of course this doubles the uncertainty over the position of the fox. Sort of a "poor man's GPS". With the new numerically controlled oscillators, this is a REAL easy thing to do, just sub the NCO for the LO in a simple VHF rig, and write some code for a micro to drive it. The problem is that all these little bits take time to prototype and debug!!!

From ssykes@emirates.net.ae Thu Dec 26 01:49:20 1996
Received: from ns2.emirates.net.ae (csc009.emirates.net.ae [194.170.1.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA16761 for <aprssig@tapr.org>; Thu, 26 Dec 1996 01:49:16 -0600 (CST)
Received: from csf020.emirates.net.ae (csf020.emirates.net.ae [194.170.126.147]) by ns2.emirates.net.ae (SMI-8.6/8.6) with SMTP id LAA11469 for <aprssig@tapr.org>; Thu, 26 Dec 1996 11:49:10 +0400
Received: by csf020.emirates.net.ae with Microsoft Mail id <01BBF322.C14E6A80@csf020.emirates.net.ae>; Thu, 26 Dec 1996 11:48:48 +0400
Message-ID: <01BBF322.C14E6A80@csf020.emirates.net.ae>
From: Stephan Sykes <ssykes@emirates.net.ae>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:7717] Re: Garmin GPS II
Date: Thu, 26 Dec 1996 09:41:46 +0400
Return-Receipt-To: <ssykes@emirates.net.ae>
Encoding: 29 TEXT

Greg,
Thank you for the information. I have ver 2.0.5. I am glad that I don't have to send it back. There is a dealer here, but I am not sure that they would take it to send it back. The Garmin units are the most used here. Price and size is probably the reason. The military has quite a few units.

Steve

From: Greg Noneman[SMTP:greg@clubnet.net]
Sent: Thursday, December 26, 1996 2:03 AM
To: aprssig@tapr.org
Subject: [APRSSIG:7717] Re: Garmin GPS II

The GPS II receiver had a minor software bug that resulted in incorrect indication of cross track error on the highway screen. The bug was present in version 2.0.4 and earlier. New shipments (v 2.0.5) have the problem corrected. Owners with earlier version can return the unit for upgrade (or replacement). The GPS II is not "sealed" like the GPS 45.

Greg
WB6ZSU

greg@clubnet.net

From ssykes@emirates.net.ae Thu Dec 26 01:49:25 1996
Received: from ns2.emirates.net.ae (csc009.emirates.net.ae [194.170.1.40]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA16764 for <aprssig@tapr.org>; Thu, 26
Dec 1996 01:49:20 -0600 (CST)
Received: from csf020.emirates.net.ae (csf020.emirates.net.ae [194.170.126.147])
by ns2.emirates.net.ae (SMI-8.6/8.6) with SMTP id LAA11478 for <aprssig@tapr.org>;
Thu, 26 Dec 1996 11:49:15 +0400
Received: by csf020.emirates.net.ae with Microsoft Mail
id <01BBF322.C447D460@csf020.emirates.net.ae>; Thu, 26 Dec 1996 11:48:53
+0400
Message-ID: <01BBF322.C447D460@csf020.emirates.net.ae>
From: Stephan Sykes <ssykes@emirates.net.ae>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:7707] Re: Garmin GPS II
Date: Thu, 26 Dec 1996 09:47:42 +0400
Return-Receipt-To: <ssykes@emirates.net.ae>
Encoding: 33 TEXT

Thank you Bob, It would be interesting to get a map like that. I don't get
to Dubai much, so It would be awhile before I could drive all around Dubai.
The biggest use for the GPS here is in the desert. Lots of space with no
roads. It helps to know where you get stuck up to the floorpan...

Steve

From: Bob Bruninga[SMTP:bruninga@nads.navy.mil]
Sent: Wednesday, December 25, 1996 8:33 PM
To: aprssig@tapr.org
Subject: [APRSSIG:7707] Re: Garmin GPS II

On Tue, 24 Dec 1996, Stephan Sykes wrote:

> When I was back in the States this fall, I purchased a GPS II. Is there
> a
> program which takes the track data from it to generate a map? I am
> trying
> to develop a map of the UAE.
>

APRSDOS REPLY/COMMENT: I have digitized a map of Dujbai... will look for
it next week...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From tomcmugs@n-link.com Thu Dec 26 04:52:54 1996
Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA22796 for <aprssig@tapr.org>; Thu, 26 Dec 1996 04:52:52 -0600 (CST)
Received: from tomcmugs (mserver87 [206.97.138.126]) by n-link.com (8.6.12/8.6.9) with SMTP id EAA00716 for <aprssig@tapr.org>; Thu, 26 Dec 1996 04:52:49 -0600
Message-ID: <32C275EE.6CDD@n-link.com>
Date: Thu, 26 Dec 1996 04:56:14 -0800
From: Tommie Taylor <tomcmugs@n-link.com>
Organization: A1 Kustom Mugs
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: GPS45x1
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for a used GPS45x1, 512.556.4691
I have a GPS 40.. for sale \$175.00
Tommie

--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113
WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)
<http://www.web2.com/cmugs/>
Internet: tomcmugs@n-link.com / tomcmugs@juno.com
Phone: (512) 556-4691 This is also a FAX Request line

From kheyboer@pinegov.co.pinellas.fl.us Thu Dec 26 05:54:59 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA24550 for <aprssig@tapr.org>; Thu, 26 Dec 1996 05:54:57 -0600 (CST)
Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4) id BAA16161; Thu, 26 Dec 1996 01:53:51 -0500
Message-ID: <32C2682A.3A8A@co.pinellas.fl.us>
Date: Thu, 26 Dec 1996 06:57:30 -0500
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Reply-To: kheyboer@pinegov.co.pinellas.fl.us
Organization: Pinellllas SKYWARN Coordinator
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7719] Re: KPC-3 / Mac aprs interface
References: <32C20028.27FC@goodnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David/Roxanne McCarthy wrote:

>
> Using a terminal program, does the computer talk to the TNC? I used a
> standard Mac Modem cable without any problems. Get that working first,
> then try MacAPRS.
>
> --
> David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ
> email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam
> Visit the family homepage: <http://www.goodnet.com/~davidmc/>
> "As for me and my house, we will serve the Lord." Jos 24:15
>
> Rich Josephson wrote:
> >
> > I just got a new Kantronics KPC-3 and and trying to get it to work with
> > the Mac APRS version 2.6.7. I am using a commercial modem cable. In the
> > manual they talk about jumpers between pins 5 and 20 (CTS and DTR) Any
> > other thoughts before I start looking for a couple DB-25 connectors to
> > install the jumpers? Thanks>
> >
> > Rich Josephson
> > josephson@stcloud.msus.edu
I'm not a MAC user, but I own two Kantronics TNC's, and as far as I know
all Kantronics products use standard pin configurations, ie 1, 2, 3, 7,
and 20. I do know that you must make sure pin 25 is not connected on a
KAM because its +12 V and it will fry your computer.

The problem you are having using MacAPRS may be that the KPC-3 comes out
of the box in NEWUSER mode....using a standard com program change the
mode to TERMINAL with the command INT TERMINAL. Otherwise, it will not
recognize half the commands it needs to run APRS from any platform.

--

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From Josephson@TIGGER.STCLOUD.MSUS.EDU Thu Dec 26 07:46:07 1996
Received: from tigger.stcloud.msus.edu (tigger.STCLOUD.MSUS.EDU [199.17.25.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA27382 for <aprssig@tapr.org>; Thu, 26
Dec 1996 07:46:06 -0600 (CST)
Received: from 199.17.26.23 (COMM17P05.STCLOUD.MSUS.EDU)
by TIGGER.STCLOUD.MSUS.EDU (PMDF V5.1-5 #16214)
with SMTP id <01IDGIGSYOT00066F9@TIGGER.STCLOUD.MSUS.EDU> for
aprssig@tapr.org; Thu, 26 Dec 1996 07:50:17 CST
Date: Thu, 26 Dec 1996 07:45:18 -0600
From: Rich Josephson <Josephson@TIGGER.STCLOUD.MSUS.EDU>
Subject: Re: [APRSSIG:7730] Re: KPC-3 / Mac aprs interface
To: aprssig@tapr.org
Message-id: <32C2816D.46E4@stcloud.msus.edu>
MIME-version: 1.0
X-Mailer: Mozilla 3.0 (Macintosh; I; PPC)

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
References: <32C2682A.3A8A@co.pineallas.fl.us>

Kevin Heyboer suggested: The problem you are having using MacAPRS may be that the KPC-3 comes out of the box in NEWUSER mode....using a standard com program change the mode to TERMINAL with the command INT TERMINAL. Otherwise, it will not recognize half the commands it needs to run APRS from any platform.

*****That seems to solve the problem - Thanks. I just went into the TNC settings window and put "int terminal" as the first command and moved the rest down the line. A good tip for first time - out of box users.

Rich Josephson, WA0UNS
josephson@stcloud.msus.edu

From stanzepa@usa.nai.net Thu Dec 26 08:22:11 1996
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA28549 for <aprssig@tapr.org>; Thu, 26 Dec 1996 08:22:09 -0600 (CST)
Received: from [208.133.173.41] (Waterbury-Usr1-32.nai.net [208.133.173.41]) by usa.nai.net (8.6.12/8.6.5) with SMTP id JAA27686 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:22:31 -0500
Message-Id: <v01540b01aee8395b8add@[208.133.173.30]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Dec 1996 09:22:20 -0500
To: aprssig@tapr.org
From: stanzepa@usa.nai.net (stan horzepa)
Subject: Re: [APRSSIG:7723] APRS MANUAL ON INTERNET

>Robert Winingham, KC5EJK said:

>> >Why not just upload it to the Internet somewhere so everyone
>> >can have it!
>> >Sounds fair to me, anyone else think so ?
>>

>-----
>Geoffrey, wa4ikq@nevets.oau.org said:

>If you want a free manual, use the one
>provided with the program you are using, or any of the numerous
>ones already existing on the Internet. If you want one with
>a printed index, and illustrations, this is an option.

Another option:

In a few weeks, a new book titled "Getting On Track With APRS" will be published by the ARRL and be on sale at your local ham radio store or directly from the League.

From judlynn@norfolk.infi.net Thu Dec 26 08:28:12 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA28655 for <aprssig@tapr.org>; Thu, 26 Dec 1996
08:28:10 -0600 (CST)
Received: from pa7dsp23.orf.infi.net by mh004.infi.net with SMTP
(Infinet-S-3.3) id JAA24157; Thu, 26 Dec 1996 09:28:37 -0500 (EST)
Date: Thu, 26 Dec 1996 09:28:37 -0500 (EST)
Message-Id: <199612261428.JAA24157@mh004.infi.net>
X-Sender: judlynn@norfolk.infi.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jud <judlynn@norfolk.infi.net>
Subject: 40 Meters report

I tuned up Christmas to 40 Meters 7085.0 LSB for a couple of hours. I
received the following stations here in Norfolk, VA direct.

WA4HEI
N0LRF
N2JR
WB4LTF
VA3MW

I tried sending a message to each station but I didn't receive an ACK or
answer from them. I will try again. 73, Jud, KE4HFX

))(((
)_ _(
[o o]

=====000===()===000=====

Jud French, KE4HFX
judlynn@norfolk.infi.net

=====

5423 Barnhollow Rd.
Norfolk, VA 23502-3604

From ksproul@hardees.rutgers.edu Thu Dec 26 08:34:40 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA29088 for <aprssig@tapr.org>; Thu, 26 Dec 1996
08:34:38 -0600 (CST)
Received: (from ksproul@localhost) by hardees.rutgers.edu
(8.6.12+bestmx+oldruq+newsunq/8.6.12) id JAA24280 for aprssig@tapr.org; Thu, 26
Dec 1996 09:34:37 -0500
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Thu, 26 Dec 96 9:34:37 EST
From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org
Subject: Compass input for RDF
Message-ID: <CMM-RU.1.5.851610877.ksproul@hardees.rutgers.edu>

MacAPRS/WinAPRS currently use the GPS heading (or any other NMEA device that has heading information in it)

I am getting an Electronic Compass loaned to me and will get the software to work with that too.

I have also been told about a 'cheap' electronic compass available from someplace (DigiKey I think).. When things calm down a little I am going to see about buying one of these and making it work too.

Keith

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From jvoisin@nebula.ispace.com Thu Dec 26 09:07:33 1996
Received: from nebula.ispace.com (root@nebula.ispace.com [207.204.40.7]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA00482 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:07:31 -0600 (CST)
Received: from quasar.ispace.com (orl-129.ispace.com [207.204.40.129]) by nebula.ispace.com (8.6.11/8.6.9) with ESMTP id KAA13471 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:06:30 -0500
Message-Id: <199612261506.KAA13471@nebula.ispace.com>
From: "Jacques C. VOISIN" <jvoisin@nebula.ispace.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7732] Re: APRS MANUAL ON INTERNET
Date: Thu, 26 Dec 1996 10:08:33 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have to add something to my manual that ARRL will not provide is periodic update when a new version of APRS dos will come out, this a lot more difficult when you allrady have a printed book as this manual comes in a ring binder and the pages can easily be changed and a new index and table of content can be supplied at nominal cost
I just did that yesterday to includes the changes with 77f
73 to all
Jacques, KD4TWB

> From: stan horzepa <stanzepa@usa.nai.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7732] Re: APRS MANUAL ON INTERNET
> Date: Thursday, December 26, 1996 09:23
>
> >Robert Winingham, KC5EJK said:
>

> >> >Why not just upload it to the Internet somewhere so everyone
> >> >can have it!
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> >a printed index, and illustrations, his is an option.
>
> Another option:
>
> In a few weeks, a new book titled "Getting On Track With APRS" will be
> published by the ARRL and be on sale at your local ham radio store or
> directly from the League.
>

From ku0g@sprynet.com Thu Dec 26 09:15:47 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA00673 for <aprssig@tapr.org>; Thu, 26 Dec 1996
09:15:45 -0600 (CST)
Received: from JIMDUNCA (ts2-p83.wwi.net [204.153.64.184]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id HAA29076 for <aprssig@tapr.org>; Thu, 26 Dec 1996
07:15:36 -0800
Date: Thu, 26 Dec 1996 07:15:36 -0800
Message-Id: <199612261515.HAA29076@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSID:7730] Re: KPC-3 / Mac aprs interface

At 06:00 12/26/96 -0600, you wrote:

>I'm not a MAC user, but I own two Kantronics TNC's, and as far as I know
>all Kantronics products use standard pin configurations, ie 1, 2, 3, 7,
>and 20. I do know that you must make sure pin 25 is not connected on a
>KAM because its +12 V and it will fry your computer.

NOT TRUE!!! The 12 volts is ONLY present IF the user makes a modification
to the unit. They do NOT come from the manufacturer with pin 25 connected!
The pin-25 mods are included in the manual for user reference...

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From BordingK@aol.com Thu Dec 26 09:15:56 1996

Received: from emout14.mail.aol.com (emout14.mx.aol.com [198.81.11.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA00697 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:15:55 -0600 (CST)

From: BordingK@aol.com

Received: by emout14.mail.aol.com (8.6.12/8.6.12) id KAA22054 for aprssig@tapr.org; Thu, 26 Dec 1996 10:15:24 -0500

Date: Thu, 26 Dec 1996 10:15:24 -0500

Message-ID: <961226101524_1590911190@emout14.mail.aol.com>

To: aprssig@tapr.org

Subject: To Bob and the Bros Sproul

Many thanks to Bob and Keith and Mark Sproul for the great improvements to both APRSDos and WinAPRS this past year. And the effort to fix the minor WinAPRS wx bug over the Christmas holiday was above and beyond the call of duty!

Your collective efforts have made APRS one of the most dynamic areas within Amateur Radio! Thanks again.

de KF4COH

Ken in Jax, FL

From BordingK@aol.com Thu Dec 26 09:21:30 1996

Received: from emout04.mail.aol.com (emout04.mx.aol.com [198.81.11.95]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA01096 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:21:28 -0600 (CST)

From: BordingK@aol.com

Received: by emout04.mail.aol.com (8.6.12/8.6.12) id KAA13894 for aprssig@tapr.org; Thu, 26 Dec 1996 10:20:57 -0500

Date: Thu, 26 Dec 1996 10:20:57 -0500

Message-ID: <961226102057_1356702297@emout04.mail.aol.com>

To: aprssig@tapr.org

Subject: TRIPMATE MAX SPEED?

Anyone experimented to determine if the tripmate has a maximum ground speed (99 knots?) like some of the other low cost, non-aeronautical GPS's? I guess I could test it on I-10, but I'd rather not!

de KF4COH

Ken in Jax, FL

From bruninga@nadn.navy.mil Thu Dec 26 09:22:23 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA01124 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:22:22 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA07078 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:27:40 -0500 (EST)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Thu, 26 Dec 1996 10:27:39 -0500 (EST)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org
Subject: Re: [APRSSIG:7711] Compass input
In-Reply-To: <32C1EC2F.359B@cedar.net>
Message-ID: <Pine.GS0.3.95.961226102509.6296B-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Dec 1996, Dave VanHorn wrote:

> How does APRS take a doppler heading input (relative to vehicle) and
> translate it to a bearing (relative to earth).
>
> Is there any way to input compass data (IE Precision Navagation) into
> the system?

APRSDos REPLY/COMMENT: APRS uses the GPS heading info. In DF mode, it will only use heading info when the vehicle is moving above 4 MPH. The docs say this so users know that when they stop, they need to keep the vehilce oreinted in the same direction...

APRSDos and I believe the others will accept the magnetic compas NMEA heading sentence too...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Thu Dec 26 09:38:39 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA01948 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:38:38 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA07737 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:43:56 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 26 Dec 1996 10:43:56 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7724] Weather station equipment
In-Reply-To: <32C204E6.2C07@isla.net>
Message-ID: <Pine.GS0.3.95.961226104158.6296C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Dec 1996, Hector Cintron wrote:

>
> I'm creating a quick reference guide of all weather stations that can
> be use with APRS, price & requirements. The reason I'm doing this is

APRSDos REPLY/COMMENT: I have a WeatherMAX unit that I am supposed to write the interface for, but so far no one has indicated that they have one of theese, so the priority keeps getting bumped to the bottom of the

list. So add this to the list on your WEB page if it is not already there, but put an asterix indicating (availability TBD)

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From ARusnak@aol.com Thu Dec 26 09:41:31 1996
Received: from emout12.mail.aol.com (emout12.mx.aol.com [198.81.11.38]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA02060 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:41:30 -0600 (CST)
From: ARusnak@aol.com
Received: by emout12.mail.aol.com (8.6.12/8.6.12) id KAA04399 for aprssig@tapr.org; Thu, 26 Dec 1996 10:40:59 -0500
Date: Thu, 26 Dec 1996 10:40:59 -0500
Message-ID: <961226104057_1721693307@emout12.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7664] Re: WinAPRS Version 1.1.8

Downloaded the wapr118.zip file and unzipped. In the documentation it says you need win32s if you are going to run under Win 3.1. Where can I find Win32s?

Thanks

From bruninga@nadn.navy.mil Thu Dec 26 09:48:20 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02357 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:48:12 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA08134 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:53:19 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 26 Dec 1996 10:53:18 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7726] Re: Compass input
In-Reply-To: <32C22F7A.317E@cedar.net>
Message-ID: <Pine.GS0.3.95.961226104755.6296E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Dec 1996, Dave VanHorn wrote:

> > I rarely see more than 0.5 degree swings of the heading. The bigger
> > problem is when stopped, some gps's will hold the last compass reading
> > with a significant velocity, but most continue to report headings which
> > swing wildly and have no relation to actual vehicle heading. Since many
>
> The low speed errors are exactly what is worrying me....

APRSDos REPLY/COMMENT: By now you have seen my other response, but since your message evoked a lot of responses, I will repeat it here:

APRSDos when you are in DF mode, will only use the vehicle GPS HEADING info while the vehicle is above 4 MPH. So users simply remember when they cruise to a stop is to NOT turn the vehicle below that speed, IE, pull to the side of the road maintaining the same heading as before. If you DO turn your heading, simply note what it was, and MANUALLY use the INPUT-MY-HEADING command to type in your estimate of your new heading.

This 4 MPH threshold assures that while you sit there, that the wandering GPS headings will NOT change your APRS heading...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Thu Dec 26 09:48:51 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02503 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:48:49 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA08160 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:54:07 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 26 Dec 1996 10:54:07 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7728] Re: Garmin GPS II
In-Reply-To: <01BBF322.C447D460@csf020.emirates.net.ae>
Message-ID: <Pine.GS0.3.95.961226105347.6296F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I also did a larger map of the whole penninsula

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Thu Dec 26 09:54:44 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02780 for <aprssig@tapr.org>; Thu, 26 Dec 1996 09:54:42 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id LAA08453 for <aprssig@tapr.org>; Thu, 26 Dec 1996 11:00:00 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 26 Dec 1996 11:00:00 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic

To: aprssig@tapr.org
Subject: Re: [APRSSIG:7733] 40 Meters report
In-Reply-To: <199612261428.JAA24157@mh004.infi.net>
Message-ID: <Pine.GS0.3.95.961226105725.6296I-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Dec 1996, jud wrote:

> I tuned up Christmas to 40 Meters 7085.0 LSB for a couple of hours. I
> received the following stations here in Norfolk, VA direct.

APRSDOS REPLY/COMMENT: My concern for now is the QRM or long term probabilities.... Right now, it seems pretty quiet. I have a commercial rig here I hope to use as soon as I get an antenna up. I may have to ask everyone to tune to me at that time, since the commercial rig only tunes in 1 KHz increments and since I use 1700 Hz tones on the old KAM, you guys may have to tune a little. But it will take me a while,.... so rest easy...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From dvanhorn@cedar.net Thu Dec 26 10:05:18 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA03598 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:05:16 -0600 (CST)
Received: from hammer.stonewest.com (and-000-16.iquest.net [206.53.241.48]) by www.cedar.net (8.6.8.1/SC05) with SMTP id QAA27172 for <aprssig@tapr.org>; Thu, 26 Dec 1996 16:04:22 GMT
Message-ID: <32C2AFDC.426A@cedar.net>
Date: Thu, 26 Dec 1996 11:03:24 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: <http://www.stonewest.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7734] Compass input for RDF
References: <CMM-RU.1.5.851610877.ksproul@hardees.rutgers.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Keith Sproul wrote:

>
> MacAPRS/WinAPRS currently use the GPS heading (or any other NMEA device that
> has heading information in it)
>
> I am getting an Electronic Compass loaned to me and will get the software to
> work with that too.
>
> I have also been told about a 'cheap' electronic compass available from

> someplace (DigiKey I think).. When things calm down a little I am going to
> see about buying one of these and making it work too.
>
> Keith
>
> Keith Sproul Ham Radio: WU2Z
> Student Housing Network Coordinator ksproul@noc.rutgers.edu
> Rutgers University Computing Services 908 445-3695 Work 908 445-2968 Fax
> http://www-ns.rutgers.edu/~ksproul/ 908 821-4828 Home

I have a PNI compass I could send you. This is one of their OEM products, same as Jameco sells.. BTW: I'm the guy who talked them into the raw output mode. They were only going to provide "cooked" data, but I convinced them that the raw would be useful in non-standard applications, like sensing the in-flight orientation of a rocket. (North doesn't move). It's a neat little board, about 1 1/4" by 1 1/2" with a TTL SPI interface. It could be talked to by using handshake lines to run the SPI protocol, or off the parallel port. I'd opt for the parallel port, as the serial side is getting a BIT crowded.

From sparkfel@primenet.com Thu Dec 26 10:12:14 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA03959 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:12:09 -0600 (CST)
Received: from ip-21-025.phx.primenet.com (ip-21-025.phx.primenet.com [206.165.21.25]) by primenet.com (8.8.3/8.8.3) with SMTP id JAA12264; Thu, 26 Dec 1996 09:12:03 -0700 (MST)
Date: Thu, 26 Dec 1996 09:12:03 -0700 (MST)
Message-Id: <1.5.4.16.19961226091155.25ff16ac@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: "Mark D. Fellhauer" <sparkfel@primenet.com>
Subject: Re: [APRSSIG:7725] Re: Compass input

At 12:45 AM 12/26/96 -0600, Dave VanHorn wrote:

>How does that happen? If your positions are in error, then your derived
>headings are in error as well.

Someone else here already pointed out that GPS uses a different method to compute bearing than it does to compute location. There are many FAQ Files on GPS that can explain it far better than I can.

>
>> GPS is certainly as accurate as any "hall effect" sensor compass
>> available.
>
>Maybe this is nitpicking, but NOBODY would use hall effect for a serious
>compass, it's way too numb and noisy. The compasses from Radio Shack

>are flux gates (a toroid which is saturated with the earth's flux either
>adding or subtracting from the applied field) or the PNI type which is
>something similar but different, developed by the US Army.

Well yes, but Flux Gate compasses work on basically the same principle, and most FG devices available to the general public (and affordable) are no more accurate than your GPS for bearing.

>1: Who figures out the vehicle's heading? APRS, or the GPS unit?

I would assume the GPS.

>

>2: What is the accuracy of that heading data, assuming that I may stop,
>turn, or back up at any moment?

Most GPS's lag by at least a few seconds in bearing data, but accuracy above about two MPH should be better than + or - 5 degrees.

Mark
KC7BXS

From ARusnak@aol.com Thu Dec 26 10:19:20 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA04452 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:19:19 -0600 (CST)
From: ARusnak@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id LAA07061 for aprssig@tapr.org; Thu, 26 Dec 1996 11:18:48 -0500
Date: Thu, 26 Dec 1996 11:18:48 -0500
Message-ID: <961226111847_576367568@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: Windows 3.1 Operation of WinAPRS

I tried to use WAPRS118 on Windows 3.1. It did not work, i.e. would not start. I did "unzip" it without any difficulties. In reading the documenation, it states that you need to download Win32s to have this program work on Windows 3.1. I went through some of the TAPR directories, but could not find Win32s.

Can someone point me to this file and will this really allow me to work on Windows 3.1?

Thanks
Al

From dvanhorn@cedar.net Thu Dec 26 10:19:51 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA04470 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:19:49 -0600 (CST)

Received: from hammer.stonewest.com (and-000-16.iquest.net [206.53.241.48]) by www.cedar.net (8.6.8.1/SC05) with SMTP id QAA27237 for <aprssig@tapr.org>; Thu, 26 Dec 1996 16:18:55 GMT
Message-ID: <32C2B344.5F29@cedar.net>
Date: Thu, 26 Dec 1996 11:17:56 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: http://www.stonewest.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7742] Re: Compass input
References: <Pine.GS0.3.95.961226104755.6296E-1000000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> > > I rarely see more than 0.5 degree swings of the heading. The bigger

Without anybody directly saying so, I'm getting the impression that the 50' error is the far end of the curve, and that the typical error is much less.

> APRSdos when you are in DF mode, will only use the vehicle GPS HEADING
> info while the vehicle is above 4 MPH. So users simply remember when they
> cruise to a stop is to NOT turn the vehicle below that speed, IE, pull to
> the side of the road maintaining the same heading as before. If you DO
> turn your heading, simply note what it was, and MANUALLY use the
> INPUT-MY-HEADING command to type in your estimate of your new heading.
>
> This 4 MPH threshold assures that while you sit there, that the wandering
> GPS headings will NOT change your APRS heading...

Makes sense. Apparently the typical error is less than a couple of feet then?

4 MPH works out to 5.8 FPS, so I'd presume that the typical error is less than a foot in order to get a somewhat accurate heading at that speed. You understand why I was worried? +/- 50' errors at 6 FPS would make my heading somewhat less certain than the exact position and velocity of an electron!

Schrodinger's Foxhunter! He's probably here, but if you look, he might not be!

From n01rf@amsat.org Thu Dec 26 10:25:18 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA04770 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:25:15 -0600 (CST)
Received: from stump (port37.idtskc1.idir.net [204.189.69.214]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id KAA11807 for <aprssig@tapr.org>; Thu, 26 Dec 1996 10:25:30 -0600

Message-ID: <32C2A752.F32@amsat.org>
Date: Thu, 26 Dec 1996 10:26:58 -0600
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7733] 40 Meters report
References: <199612261428.JAA24157@mh004.infi.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

jud wrote:

>
> I tuned up Christmas to 40 Meters 7085.0 LSB for a couple of hours. I
> received the following stations here in Norfolk, VA direct.
> WA4HEI
> N0LRF
> N2JR
> WB4LTF
> VA3MW

Thanks, Jud.

73, Paul, n0lrf@amsat.org

From dvanhorn@cedar.net Thu Dec 26 10:37:16 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA05414 for <aprssig@tapr.org>; Thu, 26 Dec 1996
10:37:14 -0600 (CST)
Received: from hammer.stonewest.com (and-000-16.iquest.net [206.53.241.48]) by
www.cedar.net (8.6.8.1/SC05) with SMTP id QAA27288 for <aprssig@tapr.org>; Thu, 26
Dec 1996 16:36:20 GMT
Message-ID: <32C2B759.6732@cedar.net>
Date: Thu, 26 Dec 1996 11:35:21 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: http://www.stonewest.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7746] Re: Compass input
References: <1.5.4.16.19961226091155.25ff16ac@mailhost.primenet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Someone else here already pointed out that GPS uses a different method to
> compute bearing than it does to compute location. There are many FAQ Files
> on GPS that can explain it far better than I can.

Tell me about it! I'm still wading through them! I can't complain about
under-documentation..

> > Maybe this is nitpicking, but NOBODY would use hall effect for a serious
> > compass, it's way too numb and noisy. The compasses from Radio Shack
> > are flux gates (a toroid which is saturated with the earth's flux either
> > adding or subtracting from the applied field) or the PNI type which is
> > something similar but different, developed by the US Army.
>
> Well yes, but Flux Gate compasses work on basically the same principle, and
> most FG devices available to the general public (and affordable) are no more
> accurate than your GPS for bearing.

The hall effect is a measurement of the deflection of moving charges by the magnetic field, as they cross through a large block of semiconductor. Current is passed through the semiconductor in the X axis, and pickups on the Y axis supply electrons or take electrons depending on the strength of the applied field. The bulk material has to be really pure, and the total effect is quite small, so it's an error-prone process. Also, you need at least two sensors to make a compass, and you now have to match two devices..
All in all, hall effect is best suited to detecting fields of many gauss.

In the flux gate, you ramp up the current and watch the exact point where the core saturates. This is directly affected by the applied external field. The earth's field gives you a contribution of .5 A/Turn, so with a material that saturates easily, this becomes a rather large effect.

The basic accuracy of the flux gate depends on the material in the toroid core being uniform, and the pickup winding being laid down uniformly. Being macro-scale, they are easier to control, and the compass can also measure it's own non-linearities and calibrate them out.

With the flux gate, the major error is local variations caused by iron. Bridges and overpasses are especially problematic. Even your car's field can be calibrated out of the readings, but you do need to re-cal often.

From khufford@erols.com Thu Dec 26 11:35:52 1996

Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA08380 for <aprssig@tapr.org>; Thu, 26 Dec 1996 11:35:48 -0600 (CST)

Received: from khufford.dot.gov ([152.120.98.42]) by smtp1.erols.com (8.7.5/8.7.3) with ESMTP id MAA26766 for <aprssig@tapr.org>; Thu, 26 Dec 1996 12:35:35 -0500 (EST)

Message-Id: <199612261735.MAA26766@smtp1.erols.com>

From: "Kent Hufford" <khufford@erols.com>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:7737] To Bob and the Bros Sproul

Date: Thu, 26 Dec 1996 12:41:30 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1160
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

"APRS one of the most dynamic areas within Amateur Radio!"

THE ONLY dynamic area of amateur radio!!

> From: BordingK@aol.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:7737] To Bob and the Bros Sproul
> Date: Thursday, December 26, 1996 10:18 AM
>
> Many thanks to Bob and Keith and Mark Sproul for the great improvements
to
> both APRSDos and WinAPRS this past year. And the effort to fix the minor
> WinAPRS wx bug over the Christmas holiday was above and beyond the call
of
> duty!
>
> Your collective efforts have made APRS one of the most dynamic areas
within
> Amateur Radio! Thanks again.
>
> de KF4COH
> Ken in Jax, FL
>

From w2g3zfej@unix.asb.com Thu Dec 26 12:33:30 1996
Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA10748 for <aprssig@tapr.org>; Thu, 26 Dec 1996
12:33:25 -0600 (CST)
Received: from default (sls20.asb.com [165.254.128.30]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id NAA12373 for <aprssig@tapr.org>; Thu, 26 Dec 1996
13:36:58 -0500
Message-ID: <32C2C482.6BDC@unix.asb.com>
Date: Thu, 26 Dec 1996 13:31:30 -0500
From: bob <w2g3zfej@unix.asb.com>
Reply-To: w2g3zfej@unix.asb.com
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Delorme Tripmate
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks

Just to let you know that CompUSA have Delorme Tripmates on sale at \$159.99 less 20%=\$127.99. Can't complain at that price so I just bought one.

73 de bob w2/g3zfv

From kc5ejk@onramp.net Thu Dec 26 12:51:39 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA11500 for <aprssig@tapr.org>; Thu, 26 Dec 1996 12:51:38 -0600 (CST)
Received: from [199.1.11.103] (dal03.onramp.net [199.1.11.103]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id MAA15072 for <aprssig@tapr.org>; Thu, 26 Dec 1996 12:51:33 -0600 (CST)
Message-Id: <v03007800aee872129e24@[199.1.11.114]>
In-Reply-To: <961226104057_1721693307@emout12.mail.aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Dec 1996 12:51:30 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Where is Win32

>Downloaded the waprsl18.zip file and unzipped. In the documentation it says
>you need win32s if you are going to run under Win 3.1. Where can I find
>Win32s?
>
>Thanks

Just a shot in the dark but how about www.microsoft.com
I think the full docs give a complete address.

I got win32 installed on my Mac by loading the Dos StreetAtlas3 or SA4
install program. There is even a test program to check for complete
install of Win32

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From sproul@ap.org Thu Dec 26 12:52:47 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11559 for <aprssig@tapr.org>; Thu, 26 Dec 1996 12:52:45 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id NAA04070; Thu, 26 Dec 1996 13:46:14 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v03007809aee877eae45@[165.1.27.20]>
In-Reply-To: <v03007801aee784df81f1@[199.1.11.109]>
References: <19961225.120528.7391.0.kb8pff@juno.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Thu, 26 Dec 1996 13:47:07 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7709] Re: Dos APRS manual

>>Why not just upload it to the Internet somewhere so everyone
>>can have it!
>>Sounds fair to me, anyone else think so ?
>
>

The ENTIRE dosAPRS documentation is online at

<http://aprs.rutgers.edu/>

The docs are formatted with a html TABLE of contents accessing each of the read me files. This works quite well, the only thing there is no index. I also have it so you can download the ENTIRE HTML docs in ZIP form so you can install it locally and access it via any Web browser OFF-LINE. This includes all of the dosAPRS docs and the Mac/WinAPRS docs. The dos docs are updated to 7.7

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sproul@ap.org Thu Dec 26 12:52:47 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11561 for <aprssig@tapr.org>; Thu, 26 Dec 1996 12:52:45 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id NAA04072; Thu, 26 Dec 1996 13:46:14 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780aaee878fc2f93@[165.1.27.20]>
In-Reply-To: <961226104057_1721693307@emout12.mail.aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Date: Thu, 26 Dec 1996 13:49:50 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:7741] Re: WinAPRS Version 1.1.8

>Downloaded the waprsl18.zip file and unzipped. In the documentation it says
>you need win32s if you are going to run under Win 3.1. Where can I find
>Win32s?
>
>Thanks

=46rom my docs at

<http://aprs.rutgers.edu/>

Refer to our Win32S documentation for installation instructions:

Installing Win32S for Windows 3.1 and 3.11

The files can be downloaded from
Win32s for the Microsoft Windows 3.1x Operating System
<http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/win32s.htm>

Installing Win32S for Windows 3.1

Instructions for Installing Win32S on Windows 3.1 and 3.11

This documentation was put together by Arthur Martin, N2QAE, and is included with the WinAPRS documentation with his permission. His original notes have been updated and modified slightly.

Just some of my experiences in getting prepared to run MacAPRS compiled for Windows 3.x Source of the WIN32s is the file OLE32s13.EXE. You can try to download it from

Win32s for the Microsoft Windows 3.1x Operating System
<http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/win32s.htm>

If you need more help, refer to this more involved description

Installing Win32s
<http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/win32s.htm>

=46ollow these steps to install Win32S.

- 1.download OLE32S13.EXE from the www site shown above
- 2.make a DOS directory (I named it WIN32s) off the root
"drive_letter:\WIN32S"
- 3.copy in the OLE32S13.EXE into that directory
- 4.Make sure you are in WIN32S directory
- 5.Execute the self-extracting archive (2.5 Meg) "OLE32S13(return)". All
the files in the archive will
be left in the WIN32S directory. If you have a backup copy of
OLE32S13.EXE stashed away
then you can delet it from the WIN32S directory to free up some disk
space.
- 6.Make sure that \DOS\SHARE.EXE is loaded in your CONFIG.SYS file. The
Setup program
checks for it and gets upset if it isn't running.
- 7.Start up your Windows 3.x
- 8.Bring up the Program Manager window
- 9.Select Run....
- 10.Type "drive_letter:\WIN32S\SETUP(return)" The Windows Setup program
should run. Follow
the prompts. Windows must reboot at the completion of Setup or you
should do it manually.
- 11.Refer to the Installation section of the main documentation for
WinAPRS=81 installation and setup.
- 12.Then create the WinAPRS=81 group and it will create the group window.
Setup the WinAPRS=81
program info. If you wish, use any icon in the list, but it will be
replaced with a USA map icon
when you close Program window.
- 13.Start by double clicking on the map icon. Since there isn't any
printing support in the current
versions while under windows, you may want to PRINT the docs out
using MS-DOS
beforehand.
- 14.You can now go back and DELETE the WIN32S directory that you created,
you might want to
keep the "OLE32S13.EXE" file around in case you need to re-do it
someday, but the directory
with all the expanded files is now just wasted disk space.

Beyond this description of what worked for me in Windows 3.1, I assume no
reposibility for anything
you do. May it be a useful tool if you get stuck.

Worked for me... not guarenteed, but should be a help. GOOD LUCK!

73 de Art - N2QAE

last updated 7/9/96

Back to APRS home page

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From cbuttsch@slonet.org Thu Dec 26 13:22:40 1996
Received: from oso.slonet.org (cbuttsch@oso.slonet.org [207.114.180.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA13277 for <aprssig@tapr.org>; Thu, 26
Dec 1996 13:22:39 -0600 (CST)
Received: from localhost (cbuttsch@localhost) by oso.slonet.org (8.7.6/8.7.3) with
SMTP id LAA07625; Thu, 26 Dec 1996 11:20:04 -0800 (PST)
Date: Thu, 26 Dec 1996 11:20:04 -0800 (PST)
From: Clifford Buttschardt <cbuttsch@slonet.org>
Reply-To: Clifford Buttschardt <cbuttsch@slonet.org>
To: bob <w2g3zfvj@unix.asb.com>
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7752] Delorme Tripmate
In-Reply-To: <32C2C482.6BDC@unix.asb.com>
Message-ID: <Pine.GS0.3.95.961226111705.6444E-100000@oso.slonet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bob, is the map program (street atlas 4.0), also included for that price?
Cliff K7RR

On Thu, 26 Dec 1996, bob wrote:

```
> Hi Folks
>
> Just to let you know that CompUSA have Delorme Tripmates on sale at
> $159.99 less 20%=$127.99. Can't complain at that price so I just bought
> one.
>
> 73 de bob w2/g3zfvj
>
>
```

From aa0mm@cjnetworks.com Thu Dec 26 13:43:06 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA14784 for <aprssig@tapr.org>; Thu, 26 Dec 1996 13:43:04 -0600 (CST)
Received: from LOCALNAME (Port210.cjnetworks.com [206.52.159.123]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id NAA01269 for <aprssig@tapr.org>; Thu, 26 Dec 1996 13:43:01 -0600 (CST)
Message-ID: <32C2F25F.1440@cjnetworks.com>
Date: Thu, 26 Dec 1996 13:47:11 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7741] Re: WinAPRS Version 1.1.8
References: <961226104057_1721693307@emout12.mail.aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

ARusnak@aol.com wrote:

>
> Downloaded the wapr118.zip file and unzipped. In the documentation it says
> you need win32s if you are going to run under Win 3.1. Where can I find
> Win32s?
>
> Thanks

Go to www.microsoft.com and browse. Somewhere at their site, is an area called free software. At least that is where I got mine...
Let me know if you can not find it there, and I can attach a copy back to you...

CUL 73 De AAÿMM Ross

From aa0mm@cjnetworks.com Thu Dec 26 13:47:37 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA15056 for <aprssig@tapr.org>; Thu, 26 Dec 1996 13:47:30 -0600 (CST)
Received: from LOCALNAME (Port210.cjnetworks.com [206.52.159.123]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id NAA01761 for <aprssig@tapr.org>; Thu, 26 Dec 1996 13:47:27 -0600 (CST)
Message-ID: <32C2F36C.56E2@cjnetworks.com>
Date: Thu, 26 Dec 1996 13:51:40 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7747] Windows 3.1 Operation of WinAPRS
References: <961226111847_576367568@emout10.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARusnak@aol.com wrote:

>

> I tried to use WAPRS118 on Windows 3.1. It did not work, i.e. would not
> start. I did "unzip" it without any difficulties. In reading the
> documentation, it states that you need to download Win32s to have this program
> work on Windows 3.1. I went through some of the TAPR directories, but could
> not find Win32s.

> Can someone point me to this file and will this really allow me to work on
> Windows 3.1?

>

> Thanks

> Al

Yes, it will allow you to use winaprs... Once you get the Win32S
program, you just run SETUP, and it will install it under your
Windows\System Directory, in a W32S subdirectory.

Once installed, just start up Winaprs, and it will go OK.

(From your last note, find Win32S at Microsoft.com)

CUL De Ross

From BordingK@aol.com Thu Dec 26 14:26:21 1996

Received: from emout11.mail.aol.com (emout11.mx.aol.com [198.81.11.26]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA17533 for <aprssig@tapr.org>; Thu, 26
Dec 1996 14:26:19 -0600 (CST)

From: BordingK@aol.com

Received: by emout11.mail.aol.com (8.6.12/8.6.12) id PAA11363 for
aprssig@tapr.org; Thu, 26 Dec 1996 15:25:49 -0500

Date: Thu, 26 Dec 1996 15:25:49 -0500

Message-ID: <961226152548_1788834650@emout11.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7753] Where is Win32

While we're on the topic of WIN32s:

I had Win 3.1 on my laptop, upgraded(?) to Win95 a few weeks ago. Attempted
to install Delorme Street Atlas 4.0 for use with a Tripmate. Got the
following errors:

Microsoft Visual C++ Runtime Library

MSVCRT40.DLL for Win32s

Error: This version of MSVCRT40.DLL is only intended for Win32s

and

Error Starting Program

The MSVCRT40.DLL file cannot start. Check the file to determine the problem.

Anyone know a fix for this before I spend hours digging thru Microsoft's Home
Page?

Thanks in Advance

de KF4COH

Ken in Jax, FL

From w2g3zfj@unix.asb.com Thu Dec 26 15:17:25 1996
Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA19238 for <aprssig@tapr.org>; Thu, 26 Dec 1996
15:17:23 -0600 (CST)
Received: from default (sls26.asb.com [165.254.128.36]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id QAA15774 for <aprssig@tapr.org>; Thu, 26 Dec 1996
16:20:59 -0500
Message-ID: <32C2EAF0.6BF2@unix.asb.com>
Date: Thu, 26 Dec 1996 16:15:28 -0500
From: bob <w2g3zfj@unix.asb.com>
Reply-To: w2g3zfj@unix.asb.com
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7756] Re: Delorme Tripmate
References: <Pine.GS0.3.95.961226111705.6444E-100000@oso.slonet.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Cliff and everyone

Yes, it includes the StreetAtlas USA ver4.0 with it. I just installed it
and it looks great. I took the Tripmate into the car and initialised it
with the ASTRAL <CR><LF> sequence and it attained lock within 2 minutes.
Not bad performance! Impressed so far.

73 de bob w2/g3zfj

Clifford Buttschardt wrote:

>
> Bob, is the map program (street atlas 4.0), also included for that price?
> Cliff K7RR
>
> On Thu, 26 Dec 1996, bob wrote:
>
> > Hi Folks
> >
> > Just to let you know that CompUSA have Delorme Tripmates on sale at
> > \$159.99 less 20%=\$127.99. Can't complain at that price so I just bought
> > one.
> >
> > 73 de bob w2/g3zfj
> >
> >

From w2g3zfj@unix.asb.com Thu Dec 26 15:24:29 1996
Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA19631 for <aprssig@tapr.org>; Thu, 26 Dec 1996
15:24:27 -0600 (CST)
Received: from default (sls26.asb.com [165.254.128.36]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id QAA15944 for <aprssig@tapr.org>; Thu, 26 Dec 1996

16:28:04 -0500
Message-ID: <32C2EC99.7227@unix.asb.com>
Date: Thu, 26 Dec 1996 16:22:33 -0500
From: bob <w2g3zfej@unix.asb.com>
Reply-To: w2g3zfej@unix.asb.com
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Adaptive tracker program
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks

Just uploaded the latest version of my adaptive tracker program with (hopefully) all of the bugs removed, to my website
<http://www.asb.com/usr/w2g3zfej/aprs1.htm>

The previous version worked but I had to include a counter to prevent re-initialising the tnc when the GPS lost lock momentarily. Now works great, I leave it on most of the time, when I'm moving it outputs about 1/min and when I'm stopped it drops to once every 15 mins.

Let me know if you find it useful

73 de bob w2/g3zfej

From BordingK@aol.com Thu Dec 26 15:56:03 1996
Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA21006 for <aprssig@tapr.org>; Thu, 26 Dec 1996 15:56:02 -0600 (CST)
From: BordingK@aol.com
Received: by emout08.mail.aol.com (8.6.12/8.6.12) id QAA06975 for aprssig@tapr.org; Thu, 26 Dec 1996 16:55:30 -0500
Date: Thu, 26 Dec 1996 16:55:30 -0500
Message-ID: <961226165529_1457409679@emout08.mail.aol.com>
To: aprssig@tapr.org
Subject: WIN32s for WINAPRS After WIN95 Upgrade?

While we're on the topic of WIN32s:

I had Win 3.1 on my laptop, upgraded(?) to Win95 a few weeks ago. Attempted to install Delorme Street Atlas 4.0 for use with a Tripmate. Got the following errors:

"Microsoft Visual C++ Runtime Library
MSVCRT40.DLL for Win32s
Error: This version of MSVCRT40.DLL is only intended for Win32s"

and

"Error Starting Program
The MSVCRT40.DLL file cannot start. Check the file to determine the

problem".

Anyone know a fix for this before I spend hours digging thru Microsoft's Home Page?

WIN32s is not needed in WIN95, right? So why is this message popping up and blocking loading of SA4.0 and some other programs?

Thanks in Advance

de KF4COH
Ken in Jax, FL

----- Headers -----

From dkaszubski@why.net Thu Dec 26 17:03:43 1996
Received: from where.why.net (why.net [206.160.169.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA24399 for <aprssig@tapr.org>; Thu, 26 Dec 1996
17:03:42 -0600 (CST)
Received: from why142.why.net ([206.160.171.160]) by where.why.net
(post.office MTA v2.0 0813 ID# 0-11525) with SMTP id AAA182
for <aprssig@tapr.org>; Thu, 26 Dec 1996 17:05:25 -0600
Message-ID: <32C32034.4757@why.net>
Date: Thu, 26 Dec 1996 17:02:44 -0800
From: dkaszubski@why.net (dkaszubski)
Organization: The Why? Network
X-Mailer: Mozilla 2.02 (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7736] Re: KPC-3 / Mac aprs interface
References: <199612261515.HAA29076@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Duncan wrote:

>>and 20. I do know that you must make sure pin 25 is not connected on a
>>KAM because its +12 V and it will fry your computer.
> NOT TRUE!!! The 12 volts is ONLY present IF the user makes a modification
> to the unit. They do NOT come from the manufacturer with pin 25 connected!
> The pin-25 mods are included in the manual for user reference...
>
> 73 de Jim, KU0G
> Chairman/Coordinator
> Kansas City APRS Working Group
> EMail: ku0g@kcaprs.com
> EMail: ku0g@sprynet.com

Sorry to jump in here Jim, but I'm afraid your wrong about this. The following quote is from the manual that came with my Version 5.0 KAM...
Pin 25 +12V. This is an alternate input pin for supplying power to the TNC if desired. If the normal +12 VDC input jack is used, this pin will

be HOT. BE CERTAIN THIS PIN IS NOT CONNECTED TO YOUR COMPUTER.

Your statement is true for the KPC-3, the manual for it describes the jumper required to power it from pin 25, or to get power out of the TNC for other purposes if the normal 12 VDC input is used.(I supply power to my Garmin 45 from the KPC-3 this way to eliminate another power wire.) Please don't flame unless you are certain of the facts. TNC's are all a little different, and my statement only applies to older KAM's. If the KAM Plus requires a jumper mod like the KPC-3, that's a different story.

--

Dave Kaszubski WB3FYV
dkaszubski@why.net also: ustuia6v@ibmmail.com
Benbrook, Texas N 32 40.319' W 097 26.844'
Texas Utilities Amateur Radio Club

Still experimenting with APRS...
<http://users.why.net/dkaszubski/>

From n1nfc@eagnet.com Thu Dec 26 17:10:04 1996
Received: from eagnet.com (eagnet.com [199.76.206.51]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA24681 for <aprssig@tapr.org>; Thu, 26 Dec 1996
17:10:03 -0600 (CST)
Received: from bill.eagnet.com (199.76.206.105) by eagnet.com
(EMWAC SMTPRS 0.81) with SMTP id <B0000126880@eagnet.com>;
Thu, 26 Dec 1996 18:10:46 -0500
Message-ID: <B0000126880@eagnet.com>
Comments: Authenticated sender is <n1nfc@eagnet.com>
From: "Bill Carreira Jr." <n1nfc@eagnet.com>
To: aprssig@tapr.org
Date: Thu, 26 Dec 1996 18:09:59 -500
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Weather Station Compatability
Reply-to: n1nfc@eagnet.com
Return-receipt-to: n1nfc@eagnet.com
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.50)

I am curious to find out what weather staions are compatible with APRS? I have been loking into them and am not sure what to get. If there is information on this subject, just point me in the right direction and I will go read it.

Thanks

Bill Carreira Jr. Email:n1nfc@eagnet.com
Kingsland, GA 31548 n1nfc@hotmail.com
Ph:912-729-5287 n1nfc@aol.com
Data:912-729-6067 AMPR:n1nfc@ampr.america.com
Pager:800-959-0740 NAVY:ETC_Carreira@trfkb-emh1.navy.mil

<http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

From davidc@tbcnet.com Thu Dec 26 17:23:53 1996

Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA25370 for <aprssig@tapr.org>; Thu, 26 Dec 1996 17:23:50 -0600 (CST)

Received: from [207.112.227.163] (davidc.tbcnet.com [207.112.227.163]) by tbc1.tbcnet.com (8.8.4/8.8.2) with SMTP id RAA31780 for <aprssig@tapr.org>; Thu, 26 Dec 1996 17:23:38 -0600

Message-Id: <199612262323.RAA31780@tbc1.tbcnet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Thu, 26 Dec 1996 17:23:17 +0000

To: aprssig@tapr.org

From: davidc@tbcnet.com (David Chesser)

Subject: Re: [APRSSIG:7725] Re: Compass input

>I think you assume too much.

>

>Could be, I'm new here, maybe I'm just paranoid.

>

>> Bearing reports via GPS are as accurate as

>> any other system as SA only affects position reports and not speed or

>> bearing, assuming you are moving more than about 2 mph.

>

>How does that happen? If your positions are in error, then your derived

>headings are in error as well.

>

>> GPS is certainly as accurate as any "hall effect" sensor compass

>> available.

>

>Maybe this is nitpicking, but NOBODY would use hall effect for a serious

>compass, it's way too numb and noisy. The compasses from Radio Shack

>are flux gates (a toroid which is saturated with the earth's flux either

>adding or subtracting from the applied field) or the PNI type which is

>something similar but different, developed by the US Army.

>

>The original models were done by Zemco in Taiwan, with an LCD display

>and internal flux gate. The radio shack units are a "low cost" version,

>with the flux gate remoted to the outside due to magnetic coupling

>between the gage and the flux gate. The original prototype oscillated

>wildly because the flux gate was placed within an inch of the gage.

>Seems the engineers doing the "low costing" weren't completely in

>sync with the technology :)

>

>In any case, there will be some minimum speed where the errors in

>the GPS position reports make heading information useless. This speed

>is greater than zero.

>

>> Of course, GPS bearing information isn't displayed unless you're

>> moving. In that case some form of direction reporting might be

>> disirable.

>

>That's the point. I often take bearings while stationary, and I may have
>turned sharply just before stopping, with a final motion of several feet
>per second. I stop wherever I can get a clean bearing or a spot that
>seems free of multipath. I'm worried that the reported bearing will be
>in error due to inaccuracies in the calculated heading. Huge obvious
>errors aren't a problem except for wasted time, but an error of say
>10 degrees would really cause steam since it would be believable.

>

>I wasn't even getting into SA, just a +/- 50' uncertainty between any
>pair of readings, and assuming a more or less gaussian distribution
>around zero. I understand under SA it's 100' error.

>

>What is concerning me is the effects of this uncertainty while moving at
>low speeds. In foxhunting, I am often trolling at <20 mph and changing
>direction rapidly. In order for this to work with APRS, it seems to me
>that you need to be able to get the vehicle's heading within a couple
>of seconds of a change. If your GPS updates are 1/second, then I think
>you need a minimum of three seconds to acquire a new heading. The error
>still applies to each position report, so what I picture is three
>overlapping circles, with my reported position at the center of the
>circles, and my actual position being anywhere within the three circles
>at the time of the report.

>

>Even after all that, I'm still in the dark as to how you relate the
>doppler bearing to the vehicle heading.

>

>1: Who figures out the vehicle's heading? APRS, or the GPS unit?

>

>2: What is the accuracy of that heading data, assuming that I may stop,
>turn, or back up at any moment?

>

>Typically, I get 15 seconds to take a bearing, with maybe half that time
>actually useful due to RX squelch and picket-fencing. Hunting a jammer
>might be more like 2-3 seconds.

>

>I see how this can work well if I'm flying down the freeway at 55,
>which is 80.6 FPS. The positions never overlap, and from one to the
>next, the error isn't too huge. If I'm at 10 mph, that's 14.6 FPS.
>The error in position is 50', so I could have a reported velocity
>from 114.6 FPS (78 MPH forward) to -85 FPS (57 MPH backward) between
>two positions. That assumes + or - 100% of the specified error
>applied in the direction of travel. The error will probably be from
>side to side as well, giving potentially about 80 degrees error in
>the reported heading between positions. If you use longer term
>averaging, then you risk not noticing a sharp turn till some time
>after it occurred.

>

>Is the error typically MUCH less than 50' between reports? That would
>be very comforting!

>

>In any case, I'm assuming that heading data is derived from successive
>position reports. If I'm sitting still, or moving slowly enough that
>the error in position reports causes my heading data to have significant

>errors, then it seems to me that compass input would be the only way to
>get an accurate heading.
>
>Understand, I haven't come on-line with this mobile yet, I'm just in
>the "RTFM and see where the potholes might be" mode.
>
>Within a month I should be ready to take this mess mobile and see what
>I get. I just got the doppler online today, and still haven't dialled
>it in to exact zero yet. Not much activity on the local repeaters in
>the last couple of days :)

Get a Life!

From davidc@tbcnet.com Thu Dec 26 17:30:16 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA25554 for <aprssig@tapr.org>; Thu, 26 Dec 1996
17:30:14 -0600 (CST)
Received: from [207.112.227.163] (davidc.tbcnet.com [207.112.227.163]) by
tbc1.tbcnet.com (8.8.4/8.8.2) with SMTP id RAA31908 for <aprssig@tapr.org>; Thu,
26 Dec 1996 17:30:15 -0600
Message-Id: <199612262330.RAA31908@tbc1.tbcnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Dec 1996 17:29:54 +0000
To: aprssig@tapr.org
From: davidc@tbcnet.com (David Chesser)
Subject: Re: [APRSSIG:7738] TRIPMATE MAX SPEED?

>Anyone experimented to determine if the tripmate has a maximum ground speed
>(99 knots?) like some of the other low cost, non-aeronautical GPS's? I guess
>I could test it on I-10, but I'd rather not!
>
>
>de KF4COH
>Ken in Jax, FL

Just because Garmin has a speed restriction in there Marine products one
mustn't assume that every GPS manufacture does also. There is a world
outside of Garmin THINK!

From dvanhorn@cedar.net Thu Dec 26 17:47:23 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA26381 for <aprssig@tapr.org>; Thu, 26 Dec 1996
17:47:21 -0600 (CST)
Received: from hammer.stonewest.com (and-000-26.iquest.net [206.53.241.58]) by
www.cedar.net (8.6.8.1/SC05) with SMTP id XAA28550 for <aprssig@tapr.org>; Thu, 26
Dec 1996 23:46:26 GMT
Message-ID: <32C31C29.2EC7@cedar.net>
Date: Thu, 26 Dec 1996 18:45:29 -0600
From: Dave VanHorn <dvanhorn@cedar.net>

Reply-To: dvanhorn@cedar.net
Organization: http://www.stonewest.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7765] Re: Compass input
References: <199612262323.RAA31780@tbc1.tbcnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Get a Life!

You quote 80+ lines of text to a mailing list, and add this?

Get a life-form!

From kf4xh@juno.com Thu Dec 26 17:48:02 1996
Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA26405 for <aprssig@tapr.org>; Thu, 26 Dec 1996 17:48:00 -0600 (CST)
Received: (from kf4xh@juno.com) by x16.boston.juno.com (queuemail) id SMR11742; Thu, 26 Dec 1996 18:46:16 EST
To: aprssig@tapr.org
Date: Thu, 26 Dec 1996 19:46:12 PST
Subject: 10m APRS
Message-ID: <19961226.194637.5599.1.kf4xh@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-4
From: kf4xh@juno.com (Andrew C. Middlebrooks)

Anyone willing to work aprs on 29.29fm @ 1200baud?
Could be something to do with your 2510/2600 Uniden that is getting little use.
Comments-
kf4xh@juno.com

From kf4xh@juno.com Thu Dec 26 18:40:06 1996
Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA28754 for <aprssig@tapr.org>; Thu, 26 Dec 1996 18:40:04 -0600 (CST)
Received: (from kf4xh@juno.com) by x16.boston.juno.com (queuemail) id T[B11742; Thu, 26 Dec 1996 19:39:46 EST
To: aprssig@tapr.org
Date: Thu, 26 Dec 1996 20:40:27 PST
Subject: 10m APRS
Message-ID: <19961226.204052.5599.0.kf4xh@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-7
From: kf4xh@juno.com (Andrew C. Middlebrooks)

Anyone willing to work aprs on 29.29fm @ 1200baud ?
Could be something to do with your 2510/2600 Uniden that is getting little use.

Comments

kf4xh@juno.com

From sparkfel@primenet.com Thu Dec 26 18:58:32 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA29330 for <aprssig@tapr.org>; Thu, 26 Dec 1996 18:58:30 -0600 (CST)
Received: from ip-21-157.phx.primenet.com (ip-21-157.phx.primenet.com [206.165.21.157]) by primenet.com (8.8.3/8.8.3) with SMTP id RAA24656 for <aprssig@tapr.org>; Thu, 26 Dec 1996 17:57:38 -0700 (MST)
Date: Thu, 26 Dec 1996 17:57:38 -0700 (MST)
Message-Id: <3.0.16.19961226175737.294755a2@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 3.0 (16)
To: aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: [APRSSIG:7766] Re: TRIPMATE MAX SPEED?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:34 PM 12/26/96 -0600, David Chesser wrote:

>Just because Garmin has a speed restriction in there Marine products one
>mustn't assume that every GPS manufacture does also. There is a world
>outside of Garmin THINK!
>

Well, that doesn't answer the question. It could be highly possible that Delorme puts in a speed restriction also. Anyway, it's a valid question. To quote you...THINK!

Mark Fellhauer
KC7BXS

From schiers@ames.net Thu Dec 26 19:07:06 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA29761 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:07:04 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net (8.6.12/8.6.9) with SMTP id TAA07967 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:05:48 -0600
Message-Id: <199612270105.TAA07967@brain.ames.net>
Date: Thu, 26 Dec 96 18:55:40 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7764] Weather Station Compatability
In-Reply-To: <B00000126880@eagnet.com>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <B00000126880@eagnet.com>, on 12/26/96 at 05:18 PM,

"Bill Carreira Jr." <n1nfc@eagnet.com> said:

>I am curious to find out what weather stations are compatible with APRS?
>I have been looking into them and am not sure what to get. If there is
>information on this subject, just point me in the right direction and I
>will go read it.

>Thanks

>Bill Carreira Jr. Email:n1nfc@eagnet.com

In the docs to both dosAPRS and WinAPRS, there is info on the weather stations that are compatible. Both programs are available from www.tapr.org, if you go down a few levels.

In our area, Peet Brothers is king. We have about 10 of them around here and everyone is well pleased. The U-2000 is superb. I have two U-II's and a U-2000 and am happy with all of them.

I have had some problems with peripherals, like temp sensors going bad and a bad temp/humidity sensor, but the wind, rain peripherals have been great.

Customer support is FANTASTIC. I have worked directly with Bill Peet as well as Mr. Stuart and they have been very helpful, understanding and fair, not to mention competent.

The basic unit has never been a problem, whether U-II or U-2000 and now, of course they have an intermediate model called the U-500. I don't know anything about it.

The U-2000's nicest feature in my mind is what appears to be a very accurate barometric pressure sensor built into the main unit. I find it tracks within 1 mb of NWS, which is 18 miles from me.

WinAPRS supports the U-2000 perfectly. In fact, the latest release has one of the most clever, informative and clean presentations of weather info I have ever seen. (Version 1.1.9 on tapr). Many people have reported success with dosAPRS and the U-2000, but sad to day, I'm not one of them. I have tried 3 different motherboards and all of them cause dosAPRS to generate a com port overflow message. I am not alone in this problem. It has something to do with qbasic's ability to do serial port handling, and perhaps with high speed buffered uarts. Since the problem has never been fixed, I am speculating at this point. Older, slower motherboards appear to be LESS likely to suffer the problems I am describing with dosAPRS and the U-2000. Hopefully someone else will see your query and give you their take on the U-2000 with dosAPRS, and the specific motherboards/serial ports they are using.

WinAPRS, on the other hand, is written in C and it's serial

port routines appear flawless. I have never had a serial port problem with WinAPRS. The latest release of WinAPRS is a Xmas present from the Bros. Sproul...1.1.9 came out yesterday.

Anyone who has the hardware capability and a wx station, owes it to themselves to at least look at WinAPRS 1.1.9...you will be amazed....and the drift I get from Mark and Keith is that this is just the beginning as far as charts et al go.

73,

hasan schiers, NOAN

schiers@ames.net

From schiers@ames.net Thu Dec 26 19:12:32 1996

Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA29898 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:12:30 -0600 (CST)

From: schiers@ames.net

Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net (8.6.12/8.6.9) with SMTP id TAA08006 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:11:16 -0600

Message-Id: <199612270111.TAA08006@brain.ames.net>

Date: Thu, 26 Dec 96 19:08:43 -0500

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7763] Re: KPC-3 / Mac aprs interface

In-Reply-To: <32C32034.4757@why.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <32C32034.4757@why.net>, on 12/26/96 at 05:10 PM,
dkaszubski@why.net (dkaszubski) said:

>TNC's are all a
>little different, and my statement only applies to older KAM's. If the
>KAM Plus requires a jumper mod like the KPC-3, that's a different story.

This seems like a REALLY important point. If there are tnc's out there, by factory default that will destroy an RS-232 port by simply plugging what is supposed to be an RS232 compliant device into it...we have a big problem.

I would appreciate feedback about this...manufacturer's warning aside, it makes no sense to put out a device allegedly rs232 compliant with a voltage on it that can damage an rs232 port...or am I the only one that thinks this is borderline nuts? Or...are all the "facts" really in dispute and Kantronics is being smeared by our speculation? If so, my apologies up front.

73,

hasan schiers, NOAN

schiers@ames.net

From kf4xh@juno.com Thu Dec 26 19:16:12 1996
Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA00171 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:16:10 -0600 (CST)
Received: (from kf4xh@juno.com) by x16.boston.juno.com (queuemail) id UdN11742; Thu, 26 Dec 1996 20:15:53 EST
To: aprssig@tapr.org
Date: Thu, 26 Dec 1996 21:16:12 PST
Subject: 10m APRS
Message-ID: <19961226.211626.5599.1.kf4xh@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-5
From: kf4xh@juno.com (Andrew C. Middlebrooks)

Anyone willing to work aprs on 29.29fm @1200baud?
Could be something to do with a 2510/2600 Uniden that is getting little use.
Comments-
kf4xh@juno.com

From schiers@ames.net Thu Dec 26 19:19:34 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA00512 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:19:33 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net (8.6.12/8.6.9) with SMTP id TAA08063 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:18:18 -0600
Message-Id: <199612270118.TAA08063@brain.ames.net>
Date: Thu, 26 Dec 96 19:14:29 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7770] Re: TRIPMATE MAX SPEED?
In-Reply-To: <3.0.16.19961226175737.294755a2@mailhost.primenet.com>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <3.0.16.19961226175737.294755a2@mailhost.primenet.com>, on 12/26/96 at 07:03 PM,
Mark Fellhauer <sparkfel@primenet.com> said:

>To quote you...THINK!

Is it just the holiday season, or is there something in the water? Sniping sarcasm, put downs, mischaracterizing the posts of others, assigning the worst possible motives to someone else's posts, hammering newbies for their errant subscribe messages....

Is the entire sig suffering from old fart's disease? (And before the politically correct among us accuse me of age discrimination, ...lighten

up...I'm from the sixties and anyone over 30 qualifies as an old fart...esp if ill-tempered and prone to put the worst possible light on everyone but themselves)

How 'bout we dial it back a bit...

"season's greetings"....the irony is not lost on me!

hasan schiers, NOAN

schiers@ames.net

From n2xdd@juno.com Thu Dec 26 19:49:03 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA02027 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:49:01 -0600 (CST)
Received: (from n2xdd@juno.com) by x9.boston.juno.com (queuemail) id UpH28476; Thu, 26 Dec 1996 20:48:31 EST
To: aprssig@tapr.org
Date: Thu, 26 Dec 1996 20:52:43 PST
Subject: GPS II Questions
Message-ID: <19961226.205246.12150.0.N2XDD@juno.com>
References: <32C2EC99.7227@unix.asb.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,4,6,8-11
From: n2xdd@juno.com (ed j wilson)

Hello to all hope that those celebrating Christmas, had an enjoyable one!

I got My First GPS unit (Garmin GPS II w/ V2.05 Software). I have a question regarding the proper cable for interfacing with my AEA PK-12. Do I need the Power/Data Cable or the PC interface Cable? Does anyone know of a mail order source for Garmin Accessories at a reasonable cost?

Do I need to use the AEA GPS/Packet single port connector or is there a generic mode?

thanks in advance and 73 De Ed N2XDD

From rhost@itexas.net Thu Dec 26 19:57:56 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA02367 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:57:55 -0600 (CST)
Received: from rhost.itexas.net ([207.22.198.53]) by mailhost.itexas.net (post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA117 for <aprssig@tapr.org>; Thu, 26 Dec 1996 19:56:19 -0600
From: rhost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7764] Weather Station Compatability
Date: Thu, 26 Dec 1996 19:54:51 -0600

X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1160
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19961227015618970.AAA117@rbost.itexas.net>

WinAprs is compatiabile with at least the following (they're listed in the setup menu):

- Peet Bros. Ultimeter-2
- Peet Bros. U-2000
- Heathkit 5001
- Davis Instruments

The new Peet Bros. U-500 will probably work but don't quote me on that.

Roy Bost, N5TAM
Granbury, Tx.
rbost@itexas.net
32 25' 33"N 97 48' 59"W

From n0lrf@amsat.org Thu Dec 26 20:10:11 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id UAA02953 for <aprssig@tapr.org>; Thu, 26 Dec 1996 20:10:07 -0600 (CST)
Received: from pm6_10.computer-services.com (pm6_10.computer-services.com [206.101.232.157]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id UAA19147 for <aprssig@tapr.org>; Thu, 26 Dec 1996 20:10:27 -0600
Message-ID: <32C34BDA.6FAC@amsat.org>
Date: Thu, 26 Dec 1996 20:08:58 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7774] Re: TRIPMATE MAX SPEED?
References: <199612270118.TAA08063@brain.ames.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

schiers@ames.net wrote:

> How 'bout we dial it back a bit...

I second that notion! Don't forget it only takes a few seconds to highlight & delete irrelevant text, too.

Thanks, neighbor Hasan...

--

73, Paul, n0lrf@amsat.org

From jleonard@tbcnet.com Thu Dec 26 20:11:40 1996

Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA03006 for <aprssig@tapr.org>; Thu, 26 Dec 1996 20:11:38 -0600 (CST)

Received: from PR157.tbcnet.com (PR157.tbcnet.com [207.112.227.57]) by tbc1.tbcnet.com (8.8.4/8.8.2) with SMTP id UAA02097 for <aprssig@tapr.org>; Thu, 26 Dec 1996 20:11:42 -0600

X-Authentication-Warning: tbc1.tbcnet.com: PR157.tbcnet.com [207.112.227.57] didn't use HELO protocol

Message-Id: <1.5.4.32.19961227021130.006d9b04@tbcnet.com>

X-Sender: jleonard@tbcnet.com

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Thu, 26 Dec 1996 20:11:30 -0600

To: aprssig@tapr.org

From: "John B. Leonard, Jr" <jleonard@tbcnet.com>

Subject: Re: [APRSSIG:7771] Re: Weather Station Compatability

At 19:10 12/26/96 -0600, you wrote:

>I have had some problems with peripherals, like temp sensors going bad
>and a bad temp/humidity sensor, but the wind, rain peripherals have been
>great.

>

>

I, too, have had difficulties with the Peet temp sensors. Out of 3, 1 read 5-8 deg high. But also it was rather mistreated. The faulty sensor was left out in direct rain, against what Peet recommends. Also, it spent some time buried in a snow bank, which resulted in some very strange temp readings. The one out at the WIDE (WA9CJN-15) is in a small sheltered container, away from the afternoon sun (which will always result in a temp increase if exposed). So far, it's staying within 1 deg of the other reporting stations. If I get other outside temp sensors, they'll get the same protection. The two sensors that read accurately were protected.

Otherwise, if the WX.txt in APRSdos/Readme is followed, especially when it comes to the serial port line connection, the U-II works fine.

Remember, if using the dos version, the WX option (extra \$) is required.

jbl

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services - DeKalb Co Chapter

From n0lrf@amsat.org Thu Dec 26 20:15:53 1996

Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA03061 for

<aprssig@tapr.org>; Thu, 26 Dec 1996 20:15:50 -0600 (CST)
Received: from pm6_10.computer-services.com (pm6_10.computer-services.com
[206.101.232.157]) by arthur.computer-services.com (8.7.1/8.7.1) with SMTP id
UAA19217 for <aprssig@tapr.org>; Thu, 26 Dec 1996 20:16:07 -0600
Message-ID: <32C34D2E.3092@amsat.org>
Date: Thu, 26 Dec 1996 20:14:38 -0800
From: Paul Stump <n0lrif@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: 40m Report...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Da_n good day on 7.085.00 LSB:

K7PW
KS4NY
WA4MEJ
N2JR
KA3NVP
K04TT
WY80
K1TRS
W1GTT
W9JC
VA3MW
VA3PRG
VE3VRW
VA3MER
WA4HEI
KT4DD
K7PW

All this wildlife, seen from the woods of Eastern
Kansas.

Cya,

--

73, Paul, n0lrif@amsat.org

From steved@vianet.on.ca Thu Dec 26 20:24:07 1996
Received: from vianet.on.ca (root@gwn.vianet.on.ca [204.187.88.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA03496 for <aprssig@tapr.org>; Thu, 26 Dec 1996
20:24:03 -0600 (CST)
Received: from steved.vianet.on.ca (hunt102.vianet.on.ca [206.186.208.102]) by
vianet.on.ca (8.8.4/8.7.3) with SMTP id VAA05930 for <aprssig@tapr.org>; Thu, 26
Dec 1996 21:21:57 -0500 (EST)
Message-Id: <199612270221.VAA05930@vianet.on.ca>
Comments: Authenticated sender is <steved@mail.vianet.on.ca>
From: "Steve Dubois" <steved@vianet.on.ca>
To: aprssig@tapr.org
Date: Thu, 26 Dec 1996 21:24:14 +0000

MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: [APRSSIG:7774] Re: TRIPMATE MAX SPEED?
Reply-to: steved@vianet.on.ca
Return-receipt-to: steved@vianet.on.ca
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42)

Date: Thu, 26 Dec 1996 19:28:38 -0600 (CST)
Reply-to: aprssig@tapr.org
From: schiers@ames.net
To: aprssig@tapr.org
Subject: [APRSSIG:7774] Re: TRIPMATE MAX SPEED?

In <3.0.16.19961226175737.294755a2@mailhost.primenet.com>, on 12/26/96 at 07:03 PM,
Mark Fellhauer <sparkfel@primenet.com> said:

>To quote you...THINK!

Is it just the holiday season, or is there something in the water? Sniping sarcasm, put downs, mischaracterizing the posts of others, assigning the worst possible motives to someone else's posts, hammering newbies for their errant subscribe messages....

Is the entire sig suffering from old fart's disease? (And before the politically correct among us accuse me of age discrimination, ...lighten up...I'm from the sixties and anyone over 30 qualifies as an old fart...esp if ill-tempered and prone to put the worst possible light on everyone but themselves)

How 'bout we dial it back a bit...

"season's greetings"....the irony is not lost on me!

hasan schiers, NOAN

schiers@ames.net

AMEN!!

Stephen Dubois VA3HOI FN05IE,
CANWARN SPOTTER ENVIRONMENT CANADA,
WEATHER SPOTTER ENVIRONMENT CANADA,
SAREX,APRS,WinAPRS,
steved@vianet.on.ca

From jleonard@tbcnet.com Thu Dec 26 20:42:22 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id UAA04490 for <aprssig@tapr.org>; Thu, 26 Dec 1996 20:42:20 -0600 (CST)
Received: from PR156.tbcnet.com (PR156.tbcnet.com [207.112.227.56]) by tbc1.tbcnet.com (8.8.4/8.8.2) with SMTP id UAA02580 for <aprssig@tapr.org>; Thu, 26 Dec 1996 20:42:23 -0600
X-Authentication-Warning: tbc1.tbcnet.com: PR156.tbcnet.com [207.112.227.56] didn't use HELO protocol
Message-Id: <1.5.4.32.19961227024211.006b7230@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Dec 1996 20:42:11 -0600
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:7771] Re: Weather Station Compatability

BTW, to find out how accurate your temp sensor is, you may wish to try this:

1. Take a large glass, and fill it all the way to the top with ice.
2. Put in just enough cold water to fill the spaces between the ice cubes.
3. Quickly, put the sensor into the ice/water mixture. Almost immediately the temp will start to rise to whatever the ambient room temp is, as the ice melts.
4. The temp should read 32 deg +/- 1 deg.

jbl

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services - DeKalb Co Chapter

From n1nfc@eagnet.com Thu Dec 26 21:17:26 1996
Received: from eagnet.com (eagnet.com [199.76.206.51]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA06338 for <aprssig@tapr.org>; Thu, 26 Dec 1996 21:17:25 -0600 (CST)
Received: from bill.eagnet.com (199.76.206.118) by eagnet.com (EMWAC SMTPRS 0.81) with SMTP id <B0000127281@eagnet.com>; Thu, 26 Dec 1996 22:18:08 -0500
Message-ID: <B0000127281@eagnet.com>
Comments: Authenticated sender is <n1nfc@eagnet.com>
From: "Bill Carreira Jr." <n1nfc@eagnet.com>
To: aprssig@tapr.org
Date: Thu, 26 Dec 1996 22:17:22 -0500
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: [APRSSIG:7771] Re: Weather Station Compatability
Reply-to: n1nfc@eagnet.com
Return-receipt-to: n1nfc@eagnet.com
Priority: normal
In-reply-to: <199612270105.TAA07967@brain.ames.net>

References: <B0000126880@eagnet.com>
X-mailer: Pegasus Mail for Win32 (v2.50)

> Date: Thu, 26 Dec 1996 19:10:33 -0600 (CST)
> Reply-to: aprssig@tapr.org
> From: schiers@ames.net
> To: aprssig@tapr.org
> Subject: [APRSSIG:7771] Re: Weather Station Compatability

> In <B0000126880@eagnet.com>, on 12/26/96 at 05:18 PM,
> "Bill Carreira Jr." <n1nfc@eagnet.com> said:

>
> >I am curious to find out what weather staions are compatible with APRS?
> >I have been loking into them and am not sure what to get. If there is
> >information on this subject, just point me in the right direction and I
> >will go read it.

> >Thanks

> >Bill Carreira Jr. Email:n1nfc@eagnet.com

> In the docs to both dosAPRS and WinAPRS, there is info on
> the weather stations that are compatible. Both programs
> are available from www.tapr.org, if you go down a few levels.

> In our area, Peet Brothers is king. We have about 10 of them
> around here and everyone is well pleased. The U-2000 is superb. I have two
> U-II's and a U-2000 and am happy with all of them.

> I have had some problems with peripherals, like temp sensors going bad
> and a bad temp/humidity sensor, but the wind, rain peripherals have been
> great.

> Customer support is FANTASTIC. I have worked directly with Bill Peet as
> well as Mr. Stuart and they have been very helpful, understanding and
> fair, not to mention competent.

> The basic unit has never been a problem, whether U-II or
> U-2000 and now, of course they have an intermediate model
> called the U-500. I don't know anything about it.

> The U-2000's nicest feature in my mind is what appears to be a very
> accurate barometric pressure sensor built into the main unit. I find it
> tracks within 1 mb of NWS, which is 18 miles from me.

> WinAPRS supports the U-2000 perfectly. In fact, the latest
> release has one of the most clever, informative and clean
> presentations of weather info I have ever seen. (Version
> 1.1.9 on tapr). Many people have reported success with dosAPRS and the
> U-2000, but sad to day, I'm not one of them. I have tried 3 different
> motherboards and all of them cause dosAPRS to generate a com port overflow
> message. I am not alone in

> this problem. It has something to do with qbasic's ability to do serial
> port handling, and perhaps with high speed buffered uarts. Since the
> problem has never been fixed, I am speculating at this point. Older,
> slower motherboards appear to be LESS likely to suffer the problems I am
> describing with dosAPRS
> and the U-2000. Hopefully someone else will see your query and give you
> their take on the U-2000 with dosAPRS, and the
> specific motherboards/serial ports they are using.
>
> WinAPRS, on the other hand, is written in C and it's serial
> port routines appear flawless. I have never had a serial port problem with
> WinAPRS. The latest release of WinAPRS is a Xmas present from the Bros.
> Sproul...1.1.9 came out yesterday.
>
> Anyone who has the hardware capability and a wx station, owes it to
> themselves to at least look at WinAPRS 1.1.9...you will be amazed....and
> the drift I get from Mark and Keith is that this is just the beginning as
> far as charts et al go.
>
> 73,
>
> hasan schiers, NOAN
> -----
> schiers@ames.net
> -----
>
>
>

Thanks for the info!!

73 de

Bill Carreira Jr. Email:n1nfc@eagnet.com
Kingsland, GA 31548 n1nfc@hotmail.com
Ph:912-729-5287 n1nfc@aol.com
Data:912-729-6067 AMPR:n1nfc@ampr.america.com
Pager:800-959-0740 NAVY:ETC_Carreira@trfkb-emh1.navy.mil
<http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

From hfigueroa@juno.com Thu Dec 26 22:24:29 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA09233 for <aprssig@tapr.org>; Thu, 26
Dec 1996 22:24:26 -0600 (CST)
Received: (from hfigueroa@juno.com) by x9.boston.juno.com (queueemail)
id X^S28476; Thu, 26 Dec 1996 23:24:16 EST
To: aprssig@tapr.org
Subject: Rose Parade Coverage
Message-ID: <19961226.202248.6470.0.Hfigueroa@juno.com>
References: <v03007809aee877eae45@[165.1.27.20]>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 2-11
From: hfigueroa@juno.com (Hector M Figueroa)
Date: Thu, 26 Dec 1996 23:24:16 EST

Howdy All, just a note about APRS being used for the Pasadena Rose Parade Coverage. There is a write-up in the Road Trip America Internet Magazine check it out at:

<http://www.roadtripamerica.com/people/torra.htm>

Happy Holidays all!

Hector M. Figueroa E-Mail Hfigueroa@juno.com
World Wide Web Page <http://www.geocities.com/CapeCanaveral/1629>
Amateur Radio Call KE6VRL
Packet KE6VRL@K6VE.#SOCA.CA.USA.NOAM

From kb5wio@fia.net Thu Dec 26 22:25:52 1996
Received: from kinsey.fia.net (root@mail.fia.net [206.171.100.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA09287 for <aprssig@tapr.org>; Thu, 26 Dec 1996 22:25:51 -0600 (CST)
Received: from ama-fia.fia.net (ts18p6.fia.net [207.212.0.46]) by kinsey.fia.net (8.7.3/8.6.12) with ESMTP id UAA01198 for <aprssig@tapr.org>; Thu, 26 Dec 1996 20:25:21 -0800 (PST)
Message-Id: <199612270425.UAA01198@kinsey.fia.net>
From: "Jimmy Burkhalter" <kb5wio@fia.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7782] Re: Weather Station Compatability
Date: Thu, 26 Dec 1996 22:26:02 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

To anyone that downloaded 1.1.9 on the 25 need to redownload it to get a corrected version with the labels files from dos working. Mark has this problem fixed and back up on the sig.

Jimmy Burkhalter Amarillo, Texas
KB5WIO
kb5wio@fia.net

> > Anyone who has the hardware capability and a wx station, owes it to
> > themselves to at least look at WinAPRS 1.1.9...you will be
amazed....and
> > the drift I get from Mark and Keith is that this is just the beginning
as
> > far as charts et al go.
> >
> > 73,
> >
> > hasan schiers, NOAN
> > -----

> > schiers@ames.net

> > -----
>

From sparkfel@primenet.com Thu Dec 26 22:31:56 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10385 for <aprssig@tapr.org>; Thu, 26 Dec 1996 22:31:52 -0600 (CST)

Received: from ip-21-169.phx.primenet.com (ip-21-169.phx.primenet.com [206.165.21.169]) by primenet.com (8.8.3/8.8.3) with SMTP id VAA21411; Thu, 26 Dec 1996 21:30:32 -0700 (MST)

Date: Thu, 26 Dec 1996 21:30:32 -0700 (MST)

Message-Id: <3.0.16.19961226213030.3827079e@mailhost.primenet.com>

X-Sender: sparkfel@mailhost.primenet.com

X-Mailer: Windows Eudora Pro Version 3.0 (16)

To: aprssig@tapr.org, aprssig@tapr.org

From: Mark Fellhauer <sparkfel@primenet.com>

Subject: Re: Snippy

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 07:28 PM 12/26/96 -0600, schiers@ames.net wrote:

> Mark Fellhauer <sparkfel@primenet.com> said:

>

>>To quote you...THINK!

>

>Is it just the holiday season, or is there something in the water? Sniping
>sarcasm, put downs, mischaracterizing the posts of others, assigning the
>worst possible motives to someone else's posts, hammering newbies for
>their errant subscribe messages....

>

I was merely responding to another person's uncalled for response. I agree that I stooped to their level, but someone has to point out that the comment was uncalled for. Questions on speed restrictions in regards to the Tripmate are valid, IMHO.

My apologies to the SIG.

73,

Mark Fellhauer

From kc5ejk@onramp.net Thu Dec 26 23:07:01 1996

Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA16560 for <aprssig@tapr.org>; Thu, 26 Dec 1996 23:06:59 -0600 (CST)

Received: from [199.1.11.119] (dal19.onramp.net [199.1.11.119]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id XAA24169 for <aprssig@tapr.org>; Thu, 26 Dec 1996 23:06:55 -0600 (CST)

Message-Id: <v03007800aee905ef1852@[199.1.11.125]>

In-Reply-To: <1.5.4.32.19961227024211.006b7230@tbcnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Dec 1996 23:06:52 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7781] Re: Weather Station Compatability

>3. Quickly, put the sensor into the ice/water mixture. Almost
>immediately the temp will start to rise to whatever the ambient room temp
>is, as the ice melts.

You never saw " Watch Mr. Wizard " did you ???

Or did you use plastic ice cubes :-)

If you stir a glass of water and ice then the mixture will stay
near 32 deg F until all the ice melts.

Now MR. Wizard would do this with the glass over a Bunsen burner.

--- Mr Wizard never did a demo of APRS ---

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From N2ZRC@gnn.com Thu Dec 26 23:33:57 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA17965 for <aprssig@tapr.org>; Thu, 26 Dec 1996
23:33:56 -0600 (CST)
Received: from 33-203.client.gnn.com. (33-203.client.gnn.com [205.188.33.203])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id AAA15827 for <aprssig@tapr.org>;
Fri, 27 Dec 1996 00:33:19 -0500 (EST)
Message-Id: <199612270533.AAA15827@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Dec 1996 00:33:06
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: More Mapmaking Questions

Hi All,

Does anyone remember whether the recent versions (I'm using 7.7f) can
handle maplists containing more than 159 active maps? I thought I remem-
bered seeing someplace that The Bob'ser upped it to 170. If so, great. If
not, well, I'm gonna have problems.

Also, does anybody know whether the "Mkmaplst" program has an upper

limit to the number of maps in the directory? What is it, if there is?

Finally, just a reminder to all mapmakers using Mk100k3: When using the "S" option to make a special pattern of maps (other than one or four or nine in a square) remember to input the coordinates for the UPPER LEFT HAND CORNER of the maps you want, NOT the map center! I found this out the hard way, after having made 288 maps (16 at a time) and finding them all to be in the wrong place!

BTW, I'm using Mapfix28 to tidy them up. I, too, have found that I can not load anything that isn't already named "*.map," nor can I load it from anywhere but the default "\aprs\maps\" directory (all of mine are in one of the subdirectories I've made in the "DLG" folder.

Boy, I'm getting real tired of manually winnowing down those 3800-point maps down to size. Only forty more to go! A point at a time... 8-{(73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From cn2859@coastalnet.com Thu Dec 26 23:50:37 1996
Received: from abaco.coastalnet.com (abaco.coastalnet.com [204.183.40.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA19821 for <aprssig@tapr.org>; Thu, 26 Dec 1996 23:50:35 -0600 (CST)
Received: from default (pm-wsh1-33.coastalnet.com [205.245.121.33]) by abaco.coastalnet.com (8.6.12/8.6.12) with SMTP id AAA10998 for <aprssig@tapr.org>; Fri, 27 Dec 1996 00:49:48 -0500
Message-Id: <1.5.4.32.19961227055032.0066301c@abaco.coastalnet.com>
X-Sender: cn2859@abaco.coastalnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Dec 1996 00:50:32 -0500
To: aprssig@tapr.org
From: "David Michael Gaytko ***@*** WD4KPD/FM15mm/NC" <cn2859@coastalnet.com>
Subject: Re: [APRSSIG:7773] 10m APRS

At 19:20 26-12-96 -0600, you wrote:

>Anyone willing to work aprs on 29.29fm @1200baud?

>Could be something to do with a 2510/2600 Uniden that is getting little
>use.

>Comments-

>kf4xh@juno.com

>

>

>

hi, am in washington, nc. fm15mm surley would listen in, when?

david>

From kc5ejk@onramp.net Thu Dec 26 23:51:50 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA19892 for <aprssig@tapr.org>; Thu, 26 Dec 1996 23:51:49 -0600 (CST)
Received: from [199.1.11.119] (dal19.onramp.net [199.1.11.119]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id XAA29838 for <aprssig@tapr.org>; Thu, 26 Dec 1996 23:51:44 -0600 (CST)
Message-Id: <v03007801aee90f6651a1@[199.1.11.119]>
In-Reply-To: <19961226.205246.12150.0.N2XDD@juno.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Dec 1996 23:51:41 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7775] GPS II Questions

>>I got My First GPS unit (Garmin GPS II w/ V2.05 Software). I have a
>question regarding the proper cable for interfacing with my AEA PK-12.
>Do I need the Power/Data Cable or the PC interface Cable?
>Does anyone know of a mail order source for Garmin Accessories at a
>reasonable cost?

you need this address
for Accessories and Software
<ftp://sundae.triumf.ca/pub/peter/index.html>

The Garmin GPS45 FAQ
<ftp://sundae.triumf.ca/pub/peter/gps45faq.txt>

The PC interface cable doesn't support external power
but you do get a 9-pin computer plug.

See a Marine boat store for standard prices.

I would pay the extra and get the Power/Data cable and build
the computer/TNC interface plug. For auto use wire in a Radio Shack
cigarette lighter plug (with an LED, so you can tell if it fall out)
Always use a fuse as the antenna plug is powered and could short if
using a different antenna.

>Do I need to use the AEA GPS/Packet single port connector or is there a
>generic mode?

See APRS dos text files for a generic.
There are three basic circuits floating around that are somewhat based on
Bob's original. Which ever one you use be prepared for a little tinkering.

From ku0g@sprynet.com Fri Dec 27 00:29:24 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA24741 for <aprssig@tapr.org>; Fri, 27 Dec 1996 00:29:22 -0600 (CST)
Received: from JIMDUNCA (ts2-p83.wwi.net [204.153.64.184]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA17533 for <aprssig@tapr.org>; Thu, 26 Dec 1996 22:29:15 -0800
Date: Thu, 26 Dec 1996 22:29:15 -0800
Message-Id: <199612270629.WAA17533@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7787] More Mapmaking Questions

At 23:35 12/26/96 -0600, you wrote:

>Hi All,

>

> Does anyone remember whether the recent versions (I'm using 7.7f) can
>handle maplists containing more than 159 active maps? I thought I remem-
>bered seeing someplace that The Bob'ser upped it to 170. If so, great. If
>not, well, I'm gonna have problems.

I thought it was 175 but 170 sounds plausible....

> Boy, I'm getting real tired of manually winnowing down those 3800-point
>maps down to size. Only forty more to go! A point at a time... 8-{(73

It's a REAL pain in the rear, isn't it!!!!

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From sparkfel@primenet.com Fri Dec 27 00:31:33 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA24919 for <aprssig@tapr.org>; Fri, 27 Dec 1996 00:31:31 -0600 (CST)
Received: from ip-21-169.phx.primenet.com (ip-21-169.phx.primenet.com [206.165.21.169]) by primenet.com (8.8.3/8.8.3) with SMTP id XAA22305 for <aprssig@tapr.org>; Thu, 26 Dec 1996 23:31:26 -0700 (MST)
Date: Thu, 26 Dec 1996 23:31:26 -0700 (MST)
Message-Id: <3.0.16.19961226233127.2a0f773e@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 3.0 (16)
To: aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Rose Parade Coverage

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:27 PM 12/26/96 -0600, Hector M Figueroa wrote:

>Howdy All, just a note about APRS being used for the Pasadena Rose Parade
>Coverage. There is a write-up in the Road Trip America Internet Magazine

Thanks for the info, as an ASU alum, I like to follow them. Last time they went to the Rose Bowl I was just a Sophomore...

73,

Mark
KC7BXS

From sparkfel@primenet.com Fri Dec 27 00:43:25 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA27760 for <aprssig@tapr.org>; Fri, 27 Dec 1996 00:43:21 -0600 (CST)
Received: from ip-21-169.phx.primenet.com (ip-21-169.phx.primenet.com [206.165.21.169]) by primenet.com (8.8.3/8.8.3) with SMTP id XAA24913 for <aprssig@tapr.org>; Thu, 26 Dec 1996 23:43:15 -0700 (MST)
Date: Thu, 26 Dec 1996 23:43:15 -0700 (MST)
Message-Id: <3.0.16.19961226234316.0e172de4@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 3.0 (16)
To: aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: MCX Connector
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I know we've covered this before, but I wasn't paying attention, because it didn't apply to me.

For Christmas I received the Trimble GPS antenna offered by PacComm. I need to find an MCX to BNC adaptor, as I don't want to cut the plug off the cable. In the future, I plan to buy the GPS-20 engine, but for now I'd like to use the antenna with my Magellan Trailblazer XL.

Can someone please post a source for these adaptors again?

73 and thanks,

Mark
KC7BXS
sparkfel@primenet.com

From sparkfel@primenet.com Fri Dec 27 01:01:20 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA29777 for <aprssig@tapr.org>; Fri, 27 Dec 1996 01:01:19 -0600 (CST)

Received: from ip-21-169.phx.primenet.com (ip-21-169.phx.primenet.com [206.165.21.169]) by primenet.com (8.8.3/8.8.3) with SMTP id AAA28408 for <aprssig@tapr.org>; Fri, 27 Dec 1996 00:01:10 -0700 (MST)
Date: Fri, 27 Dec 1996 00:01:10 -0700 (MST)
Message-Id: <3.0.16.19961227000109.0e17bcac@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 3.0 (16)
To: aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: MCX Connector
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I know we've covered this before, but I wasn't paying attention, because it didn't apply to me.

For Christmas I received the Trimble GPS antenna offered by PacComm. I need to find an MCX to BNC adaptor, as I don't want to cut the plug off the cable. In the future, I plan to buy the GPS-20 engine, but for now I'd like to use the antenna with my Magellan Trailblazer XL.

Can someone please post a source for these adaptors again?

...Well, after looking at the GPS 20 specs, I see it too has a female connector, so disregard what I said. I'm now looking for a good way to put a BNC connector on this little coax. Assistance would be appreciated.

73,

Mark
KC7BXS
sparkfel@primenet.com

From sdimse@bridge.net Fri Dec 27 01:18:37 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA01125 for <aprssig@tapr.org>; Fri, 27 Dec 1996 01:18:35 -0600 (CST)
Received: from [199.174.242.124] (hd59-124.compuserve.com [199.174.242.124]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id CAA28836 for <aprssig@tapr.org>; Fri, 27 Dec 1996 02:18:27 -0500 (EST)
Message-Id: <199612270718.CAA28836@newworld.bridge.net>
Subject: Re: [APRSSIG:7781] Re: Weather Station Compatability
Date: Fri, 27 Dec 96 02:18:29 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

- >1. Take a large glass, and fill it all the way to the top with ice.
- >2. Put in just enough cold water to fill the spaces between the ice

>cubes.
>3. Quickly, put the sensor into the ice/water mixture. Almost
>immediately the temp will start to rise to whatever the ambient room temp
>is, as the ice melts.
>4. The temp should read 32 deg +/- 1 deg.

I'd do it differently...

The equilibrium temperature of a distilled water/ice mixture is 32 degrees, and if you use a large enough amount of water/ice it will maintain that temp as long as there is ice. The system you describe is not in equilibrium, and the reading could be erratic...

I'd recommend getting a large plastic bowl, filling it half with ice and half with water, and putting it in the fridge for a couple hours to let it reach equilibrium, then putting the probe into the middle of the mixture, still in the fridge to avoid convection currents.

Steve K4HG

From kheyboer@pinegov.co.pinellas.fl.us Fri Dec 27 05:44:48 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA10795 for <aprssig@tapr.org>; Fri, 27 Dec 1996 05:44:47 -0600 (CST)
Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4) id BAA21644; Fri, 27 Dec 1996 01:43:40 -0500
Message-ID: <32C3B752.4CC0@co.pinellas.fl.us>
Date: Fri, 27 Dec 1996 06:47:31 -0500
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Reply-To: kheyboer@pinegov.co.pinellas.fl.us
Organization: Pinellllas SKYWARN Coordinator
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7763] Re: KPC-3 / Mac aprs interface
References: <32C32034.4757@why.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thks fer jumpin in thar Dave n savin' my bacon.....

That's what my manual also says regards elusive pin 25 on a KAM.

--

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From lpthomas@winning-edge.com Fri Dec 27 06:26:34 1996
Received: from kc.winning-edge.com (root@kc.winning-edge.com [205.217.148.245]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA11962 for <aprssig@tapr.org>; Fri, 27

Dec 1996 06:26:32 -0600 (CST)
Received: from lpthomas (lpthomas.winning-edge.com [205.217.148.247]) by
kc.winning-edge.com (8.6.12/8.6.9) with SMTP id GAA10562 for <aprssig@tapr.org>;
Fri, 27 Dec 1996 06:26:32 -0600
Message-Id: <2.2.32.19961227122630.00a4827c@winning-edge.com>
X-Sender: lpthomas@winning-edge.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Dec 1996 06:26:30 -0600
To: aprssig@tapr.org
From: "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>
Subject: Re: [APRSSIG:7762] WIN32s for WINAPRS After WIN95 Upgrade?

At 03:59 PM 12/26/96 -0600, you wrote:

I had a similar problem loading another application. It involved the same
two files. Best I could figure was that these files were not overwritten by
the new install and were patches anyway to allow the application to run on a
win 3.1 or 3.11 system. I renamed the files and reinstalled the application
and everything was okay.

>While we're on the topic of WIN32s:

>

>I had Win 3.1 on my laptop, upgraded(?) to Win95 a few weeks ago. Attempted
>to install Delorme Street Atlas 4.0 for use with a Tripmate. Got the
>following errors:

>

>MSVCRT40.DLL for Win32s

>Error: This version of MSVCRT40.DLL is only intended for Win32s"

>The MSVCRT40.DLL file cannot start. Check the file to determine the
>problem".

Larry P. Thomas wa0gwa	voice : 1 913 888-0282
Krell Technologies	fax : 1 913 782-9359
8960 Bond	pager : 1 816 989-HELP
Overland Park, KS 66214-1764	e-mail : lpthomas@winning-edge.com
	www : http://www.krell.com

From jleonard@tbcnet.com Fri Dec 27 06:53:17 1996

Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id GAA12697 for <aprssig@tapr.org>; Fri, 27 Dec 1996
06:53:16 -0600 (CST)

Received: from PR142.tbcnet.com (PR142.tbcnet.com [207.112.227.42]) by
tbc1.tbcnet.com (8.8.4/8.8.2) with SMTP id GAA11178 for <aprssig@tapr.org>; Fri,
27 Dec 1996 06:53:14 -0600

X-Authentication-Warning: tbc1.tbcnet.com: PR142.tbcnet.com [207.112.227.42]
didn't use HELO protocol

Message-Id: <1.5.4.32.19961227125309.006e2480@tbcnet.com>

X-Sender: jleonard@tbcnet.com

X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Dec 1996 06:53:09 -0600
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:7794] Re: Weather Station Compatability

At 01:22 12/27/96 -0600, you wrote:

yeah, i like steve's idea better than the MR wizard/bunsen burner method.
steve's got better credentials.

jbl

>I'd do it differently...

>

>The equilibrium temperature of a distilled water/ice mixture is 32
>degrees, and if you use a large enough amount of water/ice it will
>maintain that temp as long as there is ice. The system you describe is
>not in equilibrium, and the reading could be erratic...

>

>I'd recommend getting a large plastic bowl, filling it half with ice and
>half with water, and putting it in the fridge for a couple hours to let
>it reach equilibrium, then putting the probe into the middle of the
>mixture, still in the fridge to avoid convection currents.

>

>Steve K4HG

>

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services - DeKalb Co Chapter

From BordingK@aol.com Fri Dec 27 07:29:45 1996
Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA13744 for <aprssig@tapr.org>; Fri, 27
Dec 1996 07:29:44 -0600 (CST)
From: BordingK@aol.com
Received: by emout08.mail.aol.com (8.6.12/8.6.12) id IAA06357 for
aprssig@tapr.org; Fri, 27 Dec 1996 08:29:13 -0500
Date: Fri, 27 Dec 1996 08:29:13 -0500
Message-ID: <961227082913_777891232@emout08.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7796] Re: WIN32s for WINAPRS After WIN95 Upgrade?

Thats correct. According to the Microsoft Home Page Knowledge Base there's a
bug that causes the incorrect version (16 bit) of MSVCRT40.dll to be
installed rather than the 32 bit version for Win95. Thus some Visual C++
Programs install incorrectly in Win95. Article ID: Q154591 for anyone having
the same problem.

Thanks to all who responded with helpful suggestions.

de KF4COH
Ken in Jax

From xschramm@aol.com Fri Dec 27 08:39:51 1996
Received: from ngeout01.news.aol.com (ngeout01.news.aol.com [152.163.176.244]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA16436 for <aprssig@tapr.org>; Fri, 27 Dec 1996 08:39:49 -0600 (CST)
Received: from ladder01.news.aol.com (ladder01.news.aol.com [152.163.176.235]) by ngeout01.news.aol.com (8.6.12/8.6.12) with ESMTP id JAA17883 for <aprssig@tapr.org>; Fri, 27 Dec 1996 09:44:21 -0500
Date: Fri, 27 Dec 1996 09:39:18 -0500 (EST)
Message-Id: <19961227143900.JAA15560@ladder01.news.aol.com>
Newsgroups: mpc.lists.tapr.aprssig
From: xschramm@aol.com (Xschramm)
Subject: Re: [APRSSIG:7306] SiRF GPS chipset
To: aprssig@tapr.org
Organization: AOL <http://www.aol.com>
References: <2.2.32.19961216014038.006fb1e4@mail.execpc.com>

Do you know SiRF's address or phone?

Thank you,

Bert, WB6QCS

From tomcmugs@n-link.com Fri Dec 27 08:47:49 1996
Received: from n-link.com (root@ns1.n-link.com [206.97.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA16605 for <aprssig@tapr.org>; Fri, 27 Dec 1996 08:47:47 -0600 (CST)
Received: from tomcmugs (mserver66 [206.97.138.105]) by n-link.com (8.6.12/8.6.9) with SMTP id IAA11590 for <aprssig@tapr.org>; Fri, 27 Dec 1996 08:47:41 -0600
Message-ID: <32C3FE70.6FC7@n-link.com>
Date: Fri, 27 Dec 1996 08:50:56 -0800
From: Tommie Taylor <tomcmugs@n-link.com>
Organization: A1 Kustom Mugs
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7782] Re: Weather Station Compatability
References: <B0000127281@eagnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Carreira Jr. wrote:

>
> > Date: Thu, 26 Dec 1996 19:10:33 -0600 (CST)
> > Reply-to: aprssig@tapr.org
> > From: schiers@ames.net
> > To: aprssig@tapr.org
> > Subject: [APRSSIG:7771] Re: Weather Station Compatability
>

> > In <B0000126880@eagnet.com>, on 12/26/96 at 05:18 PM,
> > "Bill Carreira Jr." <n1nfc@eagnet.com> said:
> >
> > > I am curious to find out what weather stations are compatible with APRS?
I have a DAVIS Weather Wizard III its compatible to APRS..
--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113
WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)
<http://www.web2.com/cmugs/>
Internet: tomcmugs@n-link.com / tomcmugs@juno.com
Phone: (512) 556-4691 This is also a FAX Request line

From xschramm@aol.com Fri Dec 27 08:53:13 1996
Received: from ngeout01.news.aol.com (ngeout01.news.aol.com [152.163.176.244]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA16917 for <aprssig@tapr.org>; Fri, 27
Dec 1996 08:53:12 -0600 (CST)
Received: from ladder01.news.aol.com (ladder01.news.aol.com [152.163.176.235]) by
ngeout01.news.aol.com (8.6.12/8.6.12) with ESMTP id JAA18144 for
<aprssig@tapr.org>; Fri, 27 Dec 1996 09:57:31 -0500
Date: Fri, 27 Dec 1996 09:52:27 -0500 (EST)
Message-Id: <19961227145200.JAA15783@ladder01.news.aol.com>
Newsgroups: mpc.lists.tapr.aprssi
From: xschramm@aol.com (Xschramm)
Subject: Re: [APRSSIG:7357] Re: Smallest gps-ant-tx..?
To: aprssig@tapr.org
Organization: AOL <http://www.aol.com>
References: <32B65711.1887@cris.com>

I would like to receive information on your company products.

Thank You,

Bert Schramm
NR Systems

From lcb911@apex2000.net Fri Dec 27 09:19:12 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA18001 for <aprssig@tapr.org>; Fri, 27
Dec 1996 09:19:10 -0600 (CST)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with
ESMTP id ma003366 for <aprssig@tapr.org>; Fri, 27 Dec 1996 09:18:32 -0600
Message-Id: <1.5.4.16.19961227091943.107f9ee6@apex2000.net>
X-Sender: lcb911@apex2000.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: Re: [APRSSIG:7782] Re: Weather Station Compatibility
Date: Fri, 27 Dec 1996 09:18:32 -0600

I've not had the "overflow" problems with the U-2000 and DOS APRS on an

AMD 486x4 100 /w 16550 uarts although I have had problems with com ports while running WinAPRS (Winders 3.11). Quitting/Restarting Winders also brought them back, though. Also, I run AutoWx (which was also written in QuickBasic) continuously with the U-2000 and don't have any problems when it runs on the 486/100. I certainly, though, don't doubt Hasan and the age of QuickBasic could make it's i/o ability suspect.

Les/N5K0A

<http://www.apex2000.net/personal/lcb911/main.htm>

SNIP...

>> 1.1.9 on tapr). Many people have reported success with dosAPRS and the
>> U-2000, but sad to day, I'm not one of them. I have tried 3 different
>> motherboards and all of them cause dosAPRS to generate a com port overflow
>> message. I am not alone in
>> this problem. It has something to do with qbasic's ability to do serial
>> port handling, and perhaps with high speed buffered uarts. Since the
>> problem has never been fixed, I am speculating at this point. Older,
>> slower motherboards appear to be LESS likely to suffer the problems I am
>> describing with dosAPRS
>> and the U-2000. Hopefully someone else will see your query and give you
>> their take on the U-2000 with dosAPRS, and the
>> specific motherboards/serial ports they are using.

...

>> hasan schiers, NOAN

From gwyn@paccomm.com Fri Dec 27 09:25:17 1996

Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA18217 for <aprssig@tapr.org>; Fri, 27 Dec 1996
09:25:11 -0600 (CST)

Received: from gwyn.paccomm.com by paccomm.com with smtp

(Smail3.1.29.1 #1) id m0vde9l-000FQLC; Fri, 27 Dec 96 10:25 EST

Received: by gwyn.paccomm.com with Microsoft Mail

id <01BD12B1.A9C7D900@gwyn.paccomm.com>; Sat, 27 Dec 1997 10:24:50 -0500

Message-ID: <01BD12B1.A9C7D900@gwyn.paccomm.com>

From: Gwyn Reedy <gwyn@paccomm.com>

To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: RE: [APRSSIG:7772] Re: KPC-3 / Mac aprs interface

Date: Sat, 27 Dec 1997 10:24:33 -0500

Encoding: 34 TEXT, 55 UUENCODE

X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

On Thursday, December 26, 1996 2:18 PM, schiers@ames.net wrote:

>In <32C32034.4757@why.net>, on 12/26/96 at 05:10 PM,

> dkaszubski@why.net (dkaszubski) said:

>

>>TNC's are all a

>>little different, and my statement only applies to older KAM's. If the

>>KAM Plus requires a jumper mod like the KPC-3, that's a different story.

>

>This seems like a REALLY important point. If there are tnc's out there, by

>factory default that will destroy an RS-232 port by simply plugging what

>is supposed to be an RS232 compliant device into it...we have a big

>

 \succ γ

>-----

>-----

Gwyn Reedy, W1BEL

gwyn@paccomm.com

```
begin 600 WINMAIL.DAT
```

```
M>)\^(C(/'0:'0" $''''''! '$'0>!@('`Y 0''''''#H'$(<@<'<
M&)'$$E032Y:-6-R;W-09G0@36I;"Y.;W1E'#$(\OV !""''''@'''$$$
MD 8'# $''$''','P'', (''+`\.'''''('!_P!\''''/P''''''
M'"!*Q^DOJ,0&9UN`-T!#UO"''''&%P<G-S:6= =&%P<BYO<F<'4TU44 !A
M<')S<VEGO'1A<'(N;W)G'' '>' '(P'0'' ''4'' '!33510''''!'X'S !''''
M$0'' &%P<G-S:6= =&%P<BYO<F<'''''P'5# $'' '#'/X/!@''!'X'3!
M'' '$P'' '=A<')S<VEGO'1A<'(N;W)G)P'' @#+, $'' '6'' '4TU44#I!
M4%)34TE'0%1!4%(N3U)' ''''P''.0'' ''+'$ Z'0'' ''(!)]@!\''''!' ''
M''''''(1+@$@$ $',@'' '%).B.!;05!24U-)1SHW-S<R72!293H@2U!#+3,@
M+R!-86,@87!R<R!I;G1E<F9A8V4':OX!!8 #'' 'X'' '#-!PP'&P'*'!@'(0'&
M'$0!'2"' P'. ''''SO<, !L'"@3'#L'!@!9'0$)@$'(0'' '#1#038Y.$-%
M03$W140Q,3$X,$OU,# T,# U,CE"OTOW "$'0.0!@',!P'% '' ''L(P''
M''''P'F'' '' '' '+'D'' '' '' ',+@'' ''P'V'' ''!' '#D'&>;B-L2
MO0$>' ' '0'' '#(' ''!213H@6T%04E-324<Z-S<W,ET@4F4Z($M00RTS("$\@
M36%C(&%P<G,@:6YT97)F86-E'' '' '@%Q`$'' '6'' ''';T2VXB)SIBF37ZA
M$=& UO! !2F\UP'' '@># $'' '' %'' ''4TU44 '' '' '>'!\, '0'' !$'' !G
M=WENO'!A8V-O;6TN8V]M'' '' ',!A!)$<%/P' '$#($'' '>' '@0'0'' '&4'
M''!/3E1(55)31$%9+$1%0T5-0D52,C8L,3DY-C(Z,3A032Q30TA)15)30$%-
M15-.15174D]413I)3CPS,D,S,C S-#0W-3= 5TA93D54+$] ,3(O,C80.39!
M5# U.C$P4$TL1$M!'' '' ''('!1 !'' ''9P4'&,%' '#W"P'3%I&=8(H_Q7_
M'H!#P(5'J0#Y 7K'H,'4!,#5 ('8V@*P'-E=&XR!@'&PP*#,@/%'@!PS')Q
M$B /_V8S!$83<^PQ(A5'H,T$PP'$P*#[C43"A7@#$^U]"H (SPG9(CL;#S$R
M.!PO93(\-34"@ J!#;$+8&YG&#P,Q4`"P-L:3->-@WP"U46P@P!8Q+@(!)/
M'Z!4: AP<V1AT'DL($0%D&4&T 20"" R-B)0,3DY-H$B'#HQ."!032)0103P
M:B1<T!A!X$N$FX2'"!W'V!T93K]"H4^"T82\B$S%' 3D"51"F,%0$D#H#PS
M,D,#* '?D#fON-#<U-]! =VAY).(^(E "( *DC,#(O(P'O(V%A!4#T,#4CH# C
MT@J'())\F#P,G&2Y19&MA<WIUD&)S:VDHUB H+ICV*200"W!D)88K?RR/)OL/
```

M,.\Q_S,/)Y\$^5\$Y#5B<\$(K 92HP; ,@8;\T/S5/-E\W8R @`D!L.##:9 :0
M9@20"?!T(E `</!D(&UY)! !D"5@!X#+'C I<6P]D&%P"U (D"D\$('10*7!L
M!(\$@2Y1!33?@+BY0268_\$/YH.# X0SG/.M\W<C^Q(]#'"D \$(!L0<75I&Q W
M\6 @:G5M<" +1!&\$@#2 @:S@P0&)+4\$,M_C,B4\$!@*D WXCRC(/:\$%L/\I`\$ "0
M0;]"SS0?27]*CR=D[R'0! `D\$ G@;00@1@,XD(!214%,3%D@!W"^<!JQ`' %
M0%\$`"X!T0 #`0#0X(C@A=&YC-^\$(8.<%0%(C(E!B>40_30].`STGD68`T\$A"
M+H -P&%U_FQ30BI!`_ X80VP/; #8,,^@0.@4E,M,B@`47\$`"!3P2004.\$^
M<0M0=6?Z9PN 9R4@1Q%3_U4/5A_K)Y%/<G4^L&\1\#JU@/R'_ (L!99%G2!::
ML0<P/B\$-L'QV:2*04- " ,#P/# N+6)@=S@P\$<!V4#)B:?YG6]]<[UW_]Y\$G
M00)@(J#_2[JD;V5_2[]H'VDO)U8E(. \ (8#]@/I(;&,\$' , "5@5T#I">!D8@#0
M:RHP!N!3, _<\$ &)A`X%U5U((< 20-^'^=PK `P!;82ZP,+!3H3PP?VJO:[]L
MSR>1', !&(0@;M_, !'P` (!&,3\p<%,Q4R+G1W%AE#A196<)@#YQ\$>#_8*P#
M`\$!@*C!RGW.O=+\GD7YV!O !D'A@*7(\,%A\$8_\#D2(@` ,!]T0.1>,11`F)A
M_P6Q)*!M\4!B/E, "(\$8R6[_/>Q]\+R=S<"%N:S\!3V)_3W\$&X L@!) @((&!
M<+!T=' ,_(9!R8F\$X%D!B(OE74G,B1)\$X43V0`X \@?IS=Q%E@?^#X0?)Y\$]
M0JY+44\$#8 , `8X7T95M2_G,'@#@1/6!:80AA)!!%@'9C6! J0&D"((<P0#%S
M_F\B4#V!/J :D5M !Y%?</^)_XL/C!]7(HW14<"1_Y,/WY0?:G^6GY>O)V0W
M1M"9'_^:+YL_F.^=CYZ?)V01P#`0AP.@)"4B4\$XP04Z?__>A#Z(?)X(MJ ^I
M'ZHOJJ7_I*^EOZ;/)Y\$D+JN_K,^MW^GW[1/M5^K#PKE("A-0J%_D8&\!J@
M'_!;88E10&)9(/YA/) "0,BEP0\$0WL5G 6X%_8;!Y\!' /6!]A5,!`Z!P3PN
M!" JH3U",3% `\$+_4S%^,7ZP!X!YM M0//&!4?] 0'&%-_\$]47& !" "\$ 7
M_&5X18\$`<0(P)&&5I@J/'PN1&(Q-R!' =WD'68%002)!5S%"14SMPQ50` - (
M4&V H,9!1B#]!4!2NQ\$_, :P/;!/P<*LZF?\$T4#0&-@X6<@8.\$%PQ5H`D!P
M.B\0=U7*P"[]/R : ,0# ,8 `#`! 0` `` `` , \$1 `` `` 0 `` , \$#U, ^7:\$KT!
J0 `(, \$#U, ^7:\$KT! '@] `` \$ `` `` % `` `` 4D4Z(`` `` # `` TT_3< `` `` <U
,

end

From rparry@qualcomm.com Fri Dec 27 09:29:43 1996
Received: from fezik.qualcomm.com (fezik.qualcomm.com [129.46.52.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA18350 for <aprssig@tapr.org>; Fri, 27 Dec 1996
09:29:41 -0600 (CST)
Received: from [129.46.159.136] (rparry-mac.qualcomm.com [129.46.159.136]) by
fezik.qualcomm.com (8.8.4/1.4d/8.7.2/1.12) with ESMTP id HAA12724 for
<aprssig@tapr.org>; Fri, 27 Dec 1996 07:29:10 -0800 (PST)
X-Sender: rparry@nala.qualcomm.com
Message-Id: <v03007804aee999bec841@[129.46.159.136]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Dec 1996 07:29:06 -0800
To: aprssig@tapr.org
From: Richard Parry <rparry@qualcomm.com>
Subject: SSID clarification

I have a mobile APRS with call W9IF-9. I also have a home station and
unsure what call to use. I also have a packet station 1200 baud on 145.01
and soon another on 440. Is there a standard for the SSID. I saw a APRS
standard but wonder if there is another standard.

In summary, here is what I am leaning towards, does it make sense.

- W9IF-0 -- fixed home APRS station
- W9IF-1 -- fixed home packet station on 145.01
- W9IF-2 -- fixed home packet tcp/ip station on 440

W9IF-9 -- mobile APRS station

Seem reasonable?

Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B
Qualcomm, Inc. Globalstar/Gateway Reverse Link
Intranet --> <http://web/~rparry>
Internet --> <http://www.qualcomm.com/~rparry>
AX.25 --> W9IF@K6JCC.#SOCAL.CA.USA.NOAM

From schiers@ames.net Fri Dec 27 09:39:08 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA18909 for <aprssig@tapr.org>; Fri, 27 Dec 1996
09:39:07 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id JAA13291 for <aprssig@tapr.org>; Fri, 27 Dec 1996
09:37:45 -0600
Message-Id: <199612271537.JAA13291@brain.ames.net>
Date: Fri, 27 Dec 96 09:35:52 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7802] Re: Weather Station Compatability
In-Reply-To: <1.5.4.16.19961227091943.107f9ee6@apex2000.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <1.5.4.16.19961227091943.107f9ee6@apex2000.net>, on 12/27/96 at 09:24
AM,

Les Blalock <lcb911@apex2000.net> said:

>I've not had the "overflow" problems with the U-2000 and DOS APRS on an
>AMD 486x4 100 /w 16550 uarts

Les, I wish I had one of those mb....<g>. I tried it on the following, all
with similar results:

486DX33 Intel
AMD-DX2-80
AMD-DX2-80
AMD-DX4-100

The only mb in my possession that I haven't tried is my Intel P133. All of
those mb had 16550 uarts.

Bob told me that it is a hit and miss situation...hardware
dependent, but no one seems to be able to identify the hw
dependency. Just wrotten luck on my part, I guess. 73,

hasan schiers, NOAM

schiers@ames.net

From morganb@inetport.com Fri Dec 27 09:59:44 1996
Received: from admin.inetport.com (inetport.com [206.64.12.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA20147 for <aprssig@tapr.org>; Fri, 27 Dec 1996
09:59:42 -0600 (CST)
Received: from mail.inetport.com (pm1_129.inetport.com [206.64.12.129]) by
admin.inetport.com (8.7.5/8.7.3) with SMTP id KAA26472 for <aprssig@tapr.org>;
Fri, 27 Dec 1996 10:01:39 -0600 (CST)
Date: Fri, 27 Dec 1996 10:01:39 -0600 (CST)
Message-Id: <199612271601.KAA26472@admin.inetport.com>
X-Sender: morganb@inetport.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: morganb@inetport.com (Robert B. Morgan)
Subject: Re: Compass input for RDF

Dave VanHorn wrote (looks like he writes good stuff)

>Keith Sproul wrote:

>>

>> MacAPRS/WinAPRS currently use the GPS heading (or any other NMEA device that
>> has heading information in it)

>>

>> I am getting an Electronic Compass loaned to me and will get the software to
>> work with that too.

>>

>> I have also been told about a 'cheap' electronic compass available from
>> someplace (DigiKey I think).. When things calm down a little I am going to
>> see about buying one of these and making it work too.

>>

>> Keith

>>

>I have a PNI compass I could send you. This is one of their OEM
>products, same as Jameco sells.. BTW: I'm the guy who talked them into
>the raw output mode. They were only going to provide "cooked" data,
>but I convinced them that the raw would be useful in non-standard
>applications, like sensing the in-flight orientation of a rocket.
>(North doesn't move). It's a neat little board, about 1 1/4" by 1 1/2"
>with a TTL SPI interface. It could be talked to by using handshake
>lines to run the SPI protocol, or off the parallel port. I'd opt
>for the parallel port, as the serial side is getting a BIT crowded.

-----response-----

[As I had pointed out on another occasion, for weather spotting use, one
has to park, turn around or back up to get into favorable positions,
sometimes in a big hurry and without concern for preserving a GPS
heading reading. On the other hand, the GPS does make a good highway check

for calibration of the mag compass, and also provides the local compass variation.]

I ordered the Jameco unit a few months ago. I am needing magnetic heading for similar DF and mobile wind direction uses also. It does work, and provides a decent response rate and resolution. My only surprise was that it sure went off the deep end if tilted from horizontal. That of course I should have expected, it only senses the field in 2 axes. Anyway, it looks like it would be useable in a vehicle if one parked on reasonably level ground. Or mount it on gimbal rings. It is a fluxgate, not a hall effect device. It uses two individual solenoid coils at right angles, as opposed to a toroid. (The little instruction manual didn't clearly state which end of the device was the north-pointing axis, it turns out to be the "left" side of the board, if no reversing options are selected against recommended defaults). It was about \$50. (It also requires a remotely supplied reset/startup pulse).

For those unfamiliar with it, it delivers TTL output of a serial nature, but NOT anything that a standard serial comm port could input. It has 2 separate clock leads, one for bitrate and one for a framing pulse, and is intended to be used with direct inputs to a microprocessor, or alternatively a shift register driving a BCD display. I chose to input it to a shift register (I used a pair of 74HC595) to drive some LED driver/decoders and also to drive a D/A chip (via an eeprom for code conversion from BCD to Binary) for an analog output. Plans for this concoction include a device similar to a TNC with a 16 ch analog input device for inputting weather and other inputs, and of course the GPS unit is tucked away in there. I am also doing betatesting on TAPR's TNC3 (aka TNC95) and some of these accessories could turn up on it too, I think John is putting an expansion connector on the TNC3, and it has plenty of serial ports too. With an accessory board it would make a dandy APRS mobile TNC.

It would certainly be possible to use a microcomputer chip to directly drive and interpret this compass, and output an NMEA string on a regular serial line, I just happened to have the analog system and no spare serial ports on this other system so it became a bulk analog input system.

73 de Bob WB5A0H
Robert Morgan
Austin Texas
morganb@admin.inetport.com

From n1nfc@eagnet.com Fri Dec 27 10:03:38 1996
Received: from eagnet.com (eagnet.com [199.76.206.51]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA20540 for <aprssig@tapr.org>; Fri, 27 Dec 1996 10:03:36 -0600 (CST)
Received: from bill.eagnet.com (199.76.206.122) by eagnet.com (EMWAC SMTPRS 0.81) with SMTP id <B0000128090@eagnet.com>; Fri, 27 Dec 1996 10:59:21 -0500
Message-ID: <B0000128090@eagnet.com>

Comments: Authenticated sender is <n1nfc@eagnet.com>
From: "Bill Carreira Jr." <n1nfc@eagnet.com>
To: aprssig@tapr.org
Date: Fri, 27 Dec 1996 10:58:20 -0500
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: [APRSSIG:7800] Re: Weather Station Compatability
Reply-to: n1nfc@eagnet.com
Return-receipt-to: n1nfc@eagnet.com
Priority: normal
In-reply-to: <32C3FE70.6FC7@n-link.com>
X-mailer: Pegasus Mail for Win32 (v2.50)

> Date: Fri, 27 Dec 1996 08:53:23 -0600 (CST)
> Reply-to: aprssig@tapr.org
> From: Tommie Taylor <tomcmugs@n-link.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7800] Re: Weather Station Compatability

> Bill Carreira Jr. wrote:

> >

> > > Date: Thu, 26 Dec 1996 19:10:33 -0600 (CST)
> > > Reply-to: aprssig@tapr.org
> > > From: schiers@ames.net
> > > To: aprssig@tapr.org
> > > Subject: [APRSSIG:7771] Re: Weather Station Compatability

> >

> > > In <B0000126880@eagnet.com>, on 12/26/96 at 05:18 PM,
> > > "Bill Carreira Jr." <n1nfc@eagnet.com> said:

> > >

> > > > I am curious to find out what weather staions are compatible with APRS?
> I have a DAVIS Weather Wizard III its compatable to APRS..

> --

> A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113
> WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)
> <http://www.web2.com/cmugs/>
> Internet: tomcmugs@n-link.com / tomcmugs@juno.com
> Phone: (512) 556-4691 This is also a FAX Request line

>

>

Thanks for the input

73 de

Bill Carreira Jr. Email: n1nfc@eagnet.com
Kingsland, GA 31548 n1nfc@hotmail.com
Ph: 912-729-5287 n1nfc@aol.com
Data: 912-729-6067 AMPR: n1nfc@ampr.america.com
Pager: 800-959-0740 NAVY: ETC_Carreira@trfkb-emh1.navy.mil
<http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

From sproul@ap.org Fri Dec 27 10:06:22 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA20630 for <aprssig@tapr.org>; Fri, 27 Dec 1996 10:06:20 -0600 (CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id KAA04556; Fri, 27 Dec 1996 10:59:48 -0500

X-Sender: sproul@165.1.6.1

Message-Id: <v03007800aee9a113895f@[165.1.27.20]>

In-Reply-To: <9612221918.AA27163@host>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 27 Dec 1996 10:57:17 -0500

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: WinAPRS background colors

First, if anyone is trying to send me private email, my email server currently has a full disk and it is probably rejecting any incoming email. If you get email bounced from me, just try to send it again latter.

The next release of WinAPRS will have BACKGROUND COLORS, you can set the MAP background to any color you like, you can control the text of callsigns to be either BLACK or WHITE. Note, this works on MacAPRS as well.

So, those people that said they would use WinAPRS when it had back ground colors, get ready. I hope to have this out by next week.

Other items that we are working on

Maxum Weather stations, we have this working, If ANYONE has one of these or is thinking about getting one let us know please.

Mic-E, we are working on getting the Mic-E support and hope to have it finished real soon. This will be both Mac and Windows.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From gwyn@paccomm.com Fri Dec 27 10:21:37 1996

Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA21461 for <aprssig@tapr.org>; Fri, 27 Dec 1996 10:21:32 -0600 (CST)

Received: from gwyn.paccomm.com by paccomm.com with smtp (Smail3.1.29.1 #1) id m0vdf2L-000FQLC; Fri, 27 Dec 96 11:21 EST

Received: by gwyn.paccomm.com with Microsoft Mail
id <01BD12B9.8BAA85A0@gwyn.paccomm.com>; Sat, 27 Dec 1997 11:21:15 -0500
Message-ID: <01BD12B9.8BAA85A0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Bcc:
Subject: RE: [APRSSIG:7792] MCX Connector
Date: Sat, 27 Dec 1997 11:21:11 -0500
Encoding: 29 TEXT, 46 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

On Thursday, December 26, 1996 7:48 PM, Mark Fellhauer[SMTP:sparkfel@primenet.com] wrote:

>I know we've covered this before, but I wasn't paying attention, because it
>didn't apply to me.

>

>For Christmas I received the Trimble GPS antenna offered by PacComm. I
>need to find an MCX to BNC adaptor, as I don't want to cut the plug off the
>cable. In the future, I plan to buy the GPS-20 engine, but for now I'd
>like to use the antenna with my Magellan Trailblazer XL.

>

>Can someone please post a source for these adaptors again?

>

>73 and thanks,

>

>Mark

>KC7BXS

>sparkfel@primenet.com

Hold up before you go and purchase anything.

The connector on the antenna is an SMB plug. The connector on the Garmin is an MCX.

Don't want you to waste funds on the wrong items.

Gwyn Reedy, W1BEL
PacComm Packet Radio Systems

gwyn@paccomm.com
<http://www.paccomm.com>

begin 600 WINMAIL.DAT

M>)\^(@\0`0:0" `\$\$`''''''!``\$``0>0!@`(```Y 0``''''''`#H``\$(@ <`
M& ``\$E032Y-:6-R;W-09G0@36%I;"Y.;W1E`#\$(`0V ! ``''''''@`"``\$\$
MD 8`# \$``\$`'',``''P``, ,``'+``\.`''''''(!_P\!``''/P`''''''
M``"!*Q^DOJ,0&9UN"-T!#U0"``''''&%P<G-S:6= =&%P<BYO<F<`4TU44 !A
M<')S<VEG0'1A<'(N;W)G``>``(P`0``'4``!33510``''!X``S !``''
M\$0``&%P<G-S:6= =&%P<BYO<F<``''''P`5# \$``'`#`/X/!@``!X``3 !
M``'`\$P``'"=A<')S<VEG0'1A<'(N;W)G)P``@\$+, \$``'6``'4TU44#I!
M4%)34TE'0%1!4%(N3U)'``''P``.0``'''+`\$ Z`0``''(!]@!\!``''! ``
M``''''',3+@\$@\$ \$`'(0``'%).B!;05!24U-)1SHW-SDR72!-0U@@0V]N;F5C

Hey guys.....

I'm trying to hook up an HSP to the laptop here. It toggles fine but I'm having trouble with the serial port locking up! If I recycle the TNC it comes back but this is a real problem when driving down the highway! The HSP is a known to work properly unit. Any suggestions will be appreciated...

Laptop: Compaq Lite 386SX-25

TNC: KPC-3 or AEA Tiny2 (same problem with both BUT the recycling KPC does NOT release the serial port!)

Thanks....

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From bruninga@nadm.navy.mil Fri Dec 27 10:46:22 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA22716 for <aprssig@tapr.org>; Fri, 27 Dec 1996 10:46:20 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id LAA18691 for <aprssig@tapr.org>; Fri, 27 Dec 1996 11:51:38 -0500 (EST)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Fri, 27 Dec 1996 11:51:38 -0500 (EST)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7743] Re: Garmin GPS II

In-Reply-To: <Pine.GS0.3.95.961226105347.6296F-1000000@arctic>

Message-ID: <Pine.GS0.3.95.961227115107.18608A-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Dec 1996, Bob Bruninga wrote:

> I also did a larger map of the whole penninsula

APRSDos REPLY/COMMENT: What I was tlaking about was the United Arab Emerates

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From cn2859@coastalnet.com Fri Dec 27 10:48:14 1996

Received: from abaco.coastalnet.com (abaco.coastalnet.com [204.183.40.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA22892 for <aprssig@tapr.org>; Fri, 27 Dec 1996 10:48:11 -0600 (CST)

Received: from default (pm-wsh2-82.coastalnet.com [205.245.121.82]) by

abaco.coastalnet.com (8.6.12/8.6.12) with SMTP id JAA04989; Fri, 27 Dec 1996
09:50:58 -0500
Message-Id: <1.5.4.32.19961227145144.0067361c@abaco.coastalnet.com>
X-Sender: cn2859@abaco.coastalnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Dec 1996 09:51:44 -0500
To: aprssig@tapr.org
From: "David Michael Gaytko ***@*** WD4KPD/FM15mm/NC" <cn2859@coastalnet.com>
Subject: aprs 29.29fm
Cc: bitbucket@primenet.com

interested, but my reply to you returned.....

From bruninga@nadm.navy.mil Fri Dec 27 11:08:09 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA24147 for <aprssig@tapr.org>; Fri, 27
Dec 1996 11:08:07 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id MAA20039; Fri, 27 Dec 1996 12:13:20 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Dec 1996 12:13:20 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: Jim Duncan <ku0g@sprynet.com>
cc: aprssig@tapr.org
Subject: Re: Updated MOKCity.MAP (DOS)
In-Reply-To: <199612270635.WAA18445@m1.sprynet.com>
Message-ID: <Pine.GSO.3.95.961227121156.18608J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Notice all the QUOTE marks in the file. This was because some early
versions of MAPFIX added QUOTEs each time it wrote the file. Please use
an editor to eliminate all of the quote marks in the first 8 lines of the
file...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From n0lrf@amsat.org Fri Dec 27 11:17:48 1996
Received: from arthur.computer-services.com (arthur.computer-services.com
[206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA24481 for
<aprssig@tapr.org>; Fri, 27 Dec 1996 11:17:36 -0600 (CST)
Received: from stump (port62.idtskc1.idir.net [204.189.69.189]) by
arthur.computer-services.com (8.7.1/8.7.1) with SMTP id LAA00873 for
<aprssig@tapr.org>; Fri, 27 Dec 1996 11:17:32 -0600
Message-ID: <32C3F5CB.532E@amsat.org>
Date: Fri, 27 Dec 1996 10:14:23 -0600
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (WinNT; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7799] Re: SiRF GPS chipset
References: <19961227143900.JAA15560@ladder01.news.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Xschramm wrote:

>
> Do you know SiRF's address or phone?
>
> Thank you,
>
> Bert, WB6QCS

Try:

<http://www.sirf.com>

--
73, Paul, n0lrif@amsat.org

From aa0mm@cjnetworks.com Fri Dec 27 11:24:31 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA25165 for <aprssig@tapr.org>; Fri, 27 Dec 1996 11:24:28 -0600 (CST)
Received: from LOCALNAME (Port208.cjnetworks.com [206.52.159.121]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id LAA03462 for <aprssig@tapr.org>; Fri, 27 Dec 1996 11:24:24 -0600 (CST)
Message-ID: <32C42361.35AF@cjnetworks.com>
Date: Fri, 27 Dec 1996 11:28:33 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7764] Weather Station Compatability
References: <B0000126880@eagnet.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Bill Carreira Jr. wrote:

>
> I am curious to find out what weather staions are compatible with
> APRS? I have been loking into them and am not sure what to get.
> If there is information on this subject, just point me in the right
> direction and I will go read it.
>
> Thanks
>
> Bill Carreira Jr. Email:n1nfc@eagnet.com
> Kingsland, GA 31548 n1nfc@hotmail.com

> Ph:912-729-5287 n1nfc@aol.com
> Data:912-729-6067 AMPR:n1nfc@ampr.america.com
> Pager:800-959-0740 NAVY:ETC_Carreira@trfkb-emh1.navy.mil
> <http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

Check out the Peetbros.com web page. I like Peet Bros, because, they have Amatuer Technicians, and are very intune with Anateur Systems, and APRS. (They have their own APRS station set up)

Davis is good too, but I do not feel they are in tune with Amateur needs as well. (Davis Fans, please do not take it to heart now!!!)
De AAÿMM Ross.

From aa0mm@cjnetworks.com Fri Dec 27 11:40:18 1996
Received: from topeka.cjnetworks.com (topeka.cjnetworks.com [206.52.158.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA26306 for <aprssig@tapr.org>; Fri, 27 Dec 1996 11:40:11 -0600 (CST)
Received: from LOCALNAME (Port208.cjnetworks.com [206.52.159.121]) by topeka.cjnetworks.com (8.7.1/8.7.1) with SMTP id LAA04957 for <aprssig@tapr.org>; Fri, 27 Dec 1996 11:40:05 -0600 (CST)
Message-ID: <32C42714.69EA@cjnetworks.com>
Date: Fri, 27 Dec 1996 11:44:20 -0800
From: Ross McClain <aa0mm@cjnetworks.com>
Reply-To: aa0mm@cjnetworks.com
X-Mailer: Mozilla 3.01Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7778] Re: Weather Station Compatability
References: <1.5.4.32.19961227021130.006d9b04@tbcnet.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

John B. Leonard, Jr wrote:

>
> At 19:10 12/26/96 -0600, you wrote:
>> I, too, have had difficulties with the Peet temp sensors. Out of 3, 1 read
> 5-8 deg high. But also it was rather mistreated. The faultly sensor was
> left out in direct rain, against what Peet recommends. Also, it spent some
> time buried in a snow bank, which resulted in some very strange temp
> readings. The one out at the WIDE (WA9CJN-15) is in a small sheltered
> container, away from the afternoon sun (which will always result in a temp
> increase if exposed). So far, it's staying within 1 deg of the other
> reporting stations. If I get other outside temp sensors, they'll get the
> same protection. The two sensors that read accurately were protected.

>
>
> -----
> J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
> WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
> American Red Cross Disaster Services - DeKalb Co Chapter

HINT:

We recently put in a U-2000 at EOC here. The Outside Temp/Humidity Sensor needed to be on North..

We ended up Wx proofing the Sensor, buy getting two Rubbermaid BOWLS. A smaller one to fit inside a larger one. Mounted Sensor in the inside smaller bowl. Then drilled lots of holes in the outer, larger, bowl for air flow. If the rain or snow blows in, it strikes the sides of the inner bowl, protecting the sensor, and the precip then runs out the bottom of the Bowls ASSY...

Snap the lid on, and painted bowls white. Left lid off of the inside bowl containing the sensor.. WORKS GOOD, and no worries abt Moisture getting into sensor.

Take Care De AAÿMM Ross.

From bbliss@juno.com Fri Dec 27 12:51:57 1996

Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA29722 for <aprssig@tapr.org>; Fri, 27 Dec 1996 12:51:56 -0600 (CST)

Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail) id NsU03720; Fri, 27 Dec 1996 13:51:38 EST

To: aprssig@tapr.org

Cc: wb4apr@amsat.org

Subject: HF Tones

Message-ID: <19961227.104950.2287.0.bbliss@juno.com>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 0-43

From: bbliss@juno.com (William B. Bliss)

Date: Fri, 27 Dec 1996 13:51:38 EST

Hi All u SIGers...

My KAM Plus, tones per ops manual:

P 19. MARK n (n=50 - 4000) (1600)
and must be less than space command.

P31. SPace n (n = 50-4000 (1800)
Used for HF "Packet" ops, must be set greater than the Mark command. "and (if shift command is set to MODEM) for Non-Packet modes.

P31. SHift 170|425|850|MODEM (170)
This command sets the default shift used in RTTY,ASCII, AMTOR, NAVTEX and Pactor modes. When MODEM is specified, the MARK and SPACE commands set the frequencies used by adjusting the switched capacitance filters in the KAM Plus. The MARK and SPACE settings are always used for HF PACKET tones and when operating G-TOR. When operating in a non-PACKET mode, the <Ctrl-C>S directive may be used to change shifts. See also mark, space.

No Center frequency is specified. But assume (1700)..

P35. Digital mode operation on HF amateur bands is usually accomplished using the LOWER SIDEBAND (LSB) mode of your radio and applying your transmitted signal to the microphone

input. It is also possible to operate the HF modes with FSK if your radio supports this mode.

Hostmaster II+ Kam operating program>

P27. HF. On all bands , LOWER SIDE BAND (LSB) is the accepted standard for RTTY, ASCII, AMTOR, G-TOR, Pactor and PACKET.

Note: APRS dos, README.DIR, HF.TXT., refers to HF operating frequencies and LOWER SIDE BAND (LSB) operations in the 40M, 30M, 20M. bands, and in the discriptive text of this file.

73's & Enjoy, Bill/WB6LPG ...

NNNN

.

From bcdpe@innova.net Fri Dec 27 13:05:34 1996
Received: from atl1.america.net (ns2.america.net [199.170.121.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA00232 for <aprssig@tapr.org>; Fri, 27 Dec 1996 13:05:32 -0600 (CST)
Received: from rocketman.innova.net (pm4-10.innova.net [206.139.128.52]) by atl1.america.net (8.8.2/8.7.3) with SMTP id OAA13775 for <aprssig@tapr.org>; Fri, 27 Dec 1996 14:05:31 -0500 (EST)
Message-ID: <32C41E18.628@innova.net>
Date: Fri, 27 Dec 1996 14:06:00 -0500
From: Bruce Douberley <bcdpe@innova.net>
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7792] MCX Connector
References: <3.0.16.19961226234316.0e172de4@mailhost.primenet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Fellhauer wrote:

>
> I know we've covered this before, but I wasn't paying attention, because it
> didn't apply to me.
>
> For Christmas I received the Trimble GPS antenna offered by PacComm. I
> need to find an MCX to BNC adaptor, as I don't want to cut the plug off the
> cable. In the future, I plan to buy the GPS-20 engine, but for now I'd
> like to use the antenna with my Magellan Trailblazer XL.
>
> Can someone please post a source for these adaptors again?
>
> 73 and thanks,
>
> Mark
> KC7BXS
> sparkfel@primenet.com

The trimble antenna has an smb connector. If you need a bnc adapter here is an easy solution. If you can find the crimp on type bnc connector that has the center pin attached to the nut then add a panel mount smb connector from digi-key - cut off the ears of the panel mount and a little of the crimp sleeve off of the nut, slip the smb connector into the back of the bnc, solder the pin, then the barrel to the nut and assemble.

Works beautiful.

Bruce

WB4JNE

bcdpe@innova.net

From n5rkn@apex2000.net Fri Dec 27 13:31:26 1996

Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA00968 for <aprssig@tapr.org>; Fri, 27 Dec 1996 13:31:25 -0600 (CST)

Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with ESMTP id ca003408 for <aprssig@tapr.org>; Fri, 27 Dec 1996 13:30:46 -0600

Message-ID: <32C423DB.6254@apex2000.net>

Date: Fri, 27 Dec 1996 13:30:35 -0600

From: Robert Jordan <n5rkn@apex2000.net>

Reply-To: n5rkn@apex2000.net

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7804] SSID clarification

References: <v03007804aee999bec841@[129.46.159.136]>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Richard Parry wrote:

>

> I have a mobile APRS with call W9IF-9. I also have a home station and
> unsure what call to use. I also have a packet station 1200 baud on 145.01
> and soon another on 440. Is there a standard for the SSID. I saw a APRS
> standard but wonder if there is another standard.

>

> In summary, here is what I am leaning towards, does it make sense.

> W9IF-0 -- fixed home APRS station
> W9IF-1 -- fixed home packet station on 145.01
> W9IF-2 -- fixed home packet tcp/ip station on 440
> W9IF-9 -- mobile APRS station

>

> Seem reasonable?

>

The problem I have with a "standard", Richard, is that I run the regional bbs along with a BPQNode. I also have my call on the NWS packet station on APRS. Because of all this, I have 3-4 SSID's floating around at any given moment. And, when I fire up the mobile GPS..there's another one. One more interesting aspect... Somewhere back in time, packet users in the West Texas area decided that -9 would be for their PBBS's. I know this isn't the standard. But, who said west Texan's where ever standard. I am for a standard to simplify. But, it might

not work in my case.

Robert N5RKN

--

'Twas brillig, and the slithy toves
Did gyre and gimble in the wabe:
All mimsy were the borogroves,
And the mome raths outgrabe.

From bbliss@juno.com Fri Dec 27 13:45:19 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA01594 for <aprssig@tapr.org>; Fri, 27
Dec 1996 13:45:17 -0600 (CST)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id ODB03720; Fri, 27 Dec 1996 14:43:19 EST
To: aprssig@tapr.org
Cc: wb4apr@amsat.org
Subject: Weather data reports
Message-ID: <19961227.114140.2287.1.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-50,52-57,59-62,64-70,72-81
From: bbliss@juno.com (William B. Bliss)
Date: Fri, 27 Dec 1996 14:43:19 EST

Hi SIGers,

Just noticed a slight difference in the data readout
format on my APRSdos weather reports.

As indicated in examples below, the later versions of
APRS , Ver77 on have dropped the Upper case letters of
data field to lower case in most instances., aparantly after
the Temp/Rain/p,b,h, etc....?????

Where we had Txx/Rxxx/Pxxx/Bxxx/Hxxx/U2a ,

Now see : Txx/RxxxpxxxgoooUII and other variations,

Is this change intentional, a programing error, or something
overlooked ??????..

Examples off air.....wx test readouts.....12/27/96 diff versions

Automatic Input Ver 7.5 Peet Ult-2000

WB6LPG>WA6AFT-3>WIDE*>APRS:
@251159/3727.39N/12226.29W_060/002/T057/R000/P000/B018/H000/U2a

Version 7.7e Auto Wx input.. Peet Ult-2000

WB6LPG>WA6AFT-3>W6CX-3>WIDE*>APRS:
@251131/3727.39N/12226.29W_061/008/T056/R000p000b018h00g015U2k

Manual entered Wx Report using Ver7.7f

WB6LPG>WA6AFT-3*>W6CX-3>WIDE>APRS:
@251134/3727.39N/12226.29W_045/013/t 57/D 52b0008/R000/WX rept

WB6LPG>WA6AFT-3>W6CX-3*>WIDE>APRS:
@251134/HI THIN SCATTERED, VIS 15+ NICE COOL DAY

WX Report Readout using APRS Ver7.7f

WB6LPG>WA6AFT-3*>W6CX-3>WIDE>APRS:
@251140/3727.39N/12226.29W_056/011/T057/R000p000b0185h00g014U2k

KF6HJO>W6GRR-1>WIDE>WIDE*>APRS:
@251744z3631.12N/11940.52W_091/000/T040/R000p001b0238h00g000U2k

KD6RZR>WD9BIV-3>W6CX-3*>WIDE>BEACON:
/242303/3800.43N/12153.44W_045/000/T042/R000p000g000UII

KF0QN>GATE>WIDE*>APRS: (Ver 7.7e)
@251933z3941.36N/10450.19W_135/000/T050/R000p000g003UII

Position Log... Ver. 7.5a.....
KF0ZH 261835
@26193z4447.06N/09329.48W_209/000/T004/R000/P000/B024/H061/U2a

Beacons log...
N5YYK-4 261547 /260846/T025/R000p000b0154h73g011_AutoWx2K u 2000

Position Log.....
N5YYK-4 261547
/260846/3418.30N/10318.75W_023/009/T025/R000p000b015h73g011_Au

Position Log...
WB9HBH 261753
@261755z3946.28N/08550.31W_186/004/T035/R000/p000b0009h69g006Dvs

Position Log...
N60AA-2 261815 @261815z2612.58N/09822.33W_270/000/T060/r0000/U-II(remote)

Posit Log
N0AN 261834
@2261834z4158.25N/09333.36W_095/006/T017/R000/P000/B025/H.../G00

Any comments from the programmers of the different
versions ???...

73's & Enjoy, Bill/WB6LPG

NNNN

From 0004818186@mcimail.com Fri Dec 27 13:45:49 1996
Received: from gatekeeper2.mcimail.com (gatekeeper2.mcimail.com [192.147.45.10])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA01624 for <aprssig@tapr.org>; Fri,
27 Dec 1996 13:45:46 -0600 (CST)
Received: from mailgate2.mcimail.com (mailgate2.mcimail.com [166.40.135.23]) by
gatekeeper2.mcimail.com (8.6.12/8.6.10) with SMTP id TAA04271; Fri, 27 Dec 1996
19:52:57 GMT
Received: from mcimail.com by mailgate2.mcimail.com id ah17957;
27 Dec 96 19:46 WET
Date: Fri, 27 Dec 96 14:46 EST
From: Miami Network <0004818186@mcimail.com>
To: aprssig <aprssig@tapr.org>
Subject: AutoWx
Message-Id: <82961227194628/0004818186NA4EM@MCIMAIL.COM>

I am trying to reach Les the author of AutoWx. Les I have misplaced
your E-mail address. If you see this please message me directly.

73, Seymour, KC4NMY
miaminet@mcimail.com

From rhoward@netinc.ca Fri Dec 27 14:15:12 1996
Received: from marquis.netinc.ca (root@marquis.netinc.ca [205.211.8.3]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA02993 for <aprssig@tapr.org>; Fri, 27
Dec 1996 14:15:10 -0600 (CST)
Received: from max1-46.netinc.ca (max1-46.netinc.ca [205.211.8.196]) by
marquis.netinc.ca (8.7.4/8.7.3) with SMTP id OAA25671 for <aprssig@tapr.org>; Fri,
27 Dec 1996 14:20:38 -0500 (EST)
Message-ID: <32C458FA.180F@netinc.ca>
Date: Fri, 27 Dec 1996 15:17:14 -0800
From: Richard Howard <rhoward@netinc.ca>
Organization: NET User
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: 40 mtr testing
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

following stations seen on dec 27 .
w1gtt,wa4mej,n2jtr,ko4tt,wa4hei,n0lrf,wv0t-9,wb8skp,k7pw,n1qpr,n1trs,good
coverage with this band , despite local qrm, and band condx.
73, richard. rhoward@netinc.ca.

From K5QQ@aol.com Fri Dec 27 15:05:04 1996
Received: from emout18.mail.aol.com (emout18.mx.aol.com [198.81.11.44]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA05037 for <aprssig@tapr.org>; Fri, 27
Dec 1996 15:05:02 -0600 (CST)
From: K5QQ@aol.com

Received: by emout18.mail.aol.com (8.6.12/8.6.12) id QAA22913 for
aprssig@tapr.org; Fri, 27 Dec 1996 16:04:30 -0500
Date: Fri, 27 Dec 1996 16:04:30 -0500
Message-ID: <961227160335_976878196@emout18.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7804] SSID clarification

In a message dated 96-12-27 11:06:36 EST, you write:

<< In summary, here is what I am leaning towards, does it make sense.
W9IF-0 -- fixed home APRS station
W9IF-1 -- fixed home packet station on 145.01
W9IF-2 -- fixed home packet tcp/ip station on 440
W9IF-9 -- mobile APRS station

Seem reasonable?

>>

Howdy

We have a bunch of mobile APRS vehicles as part of our t-Hunt group and decided we should make the mobiles w/o a SSID. This keeps the maps a bit less cluttered as only the call sign shows up as being all over the map..

We also use -1 for the home stations but after that it dosen't make a lot of difference.

Good luck

Jim, K5QQ
Albuquerque T-Hunters

K5QQ@AOL.COM

From rsellers@rockford.com Fri Dec 27 15:14:37 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id PAA05363 for <aprssig@tapr.org>; Fri, 27 Dec 1996 15:14:33 -0600 (CST)
X-ROUTED: Fri, 27 Dec 1996 15:14:44 -0500
Received: from rsellers [206.230.91.20] by rockford.com with smtp
id APA0BKAA ; Fri, 27 Dec 1996 15:14:26 -0500
Message-Id: <3.0.32.19961227151141.006ce368@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Fri, 27 Dec 1996 15:11:42 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7804] SSID clarification
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:03 AM 12/27/96 -0500, you wrote:

> I have a mobile APRS with call W9IF-9. I also have a home station and
> unsure what call to use. I also have a packet station 1200 baud on 145.01
> and soon another on 440. Is there a standard for the SSID. I saw a APRS
> standard but wonder if there is another standard.

>
>In summary, here is what I am leaning towards, does it make sense.
> W9IF-0 -- fixed home APRS station
> W9IF-1 -- fixed home packet station on 145.01
> W9IF-2 -- fixed home packet tcp/ip station on 440
> W9IF-9 -- mobile APRS station
>
> Seem reasonable?

Looks good to me, Most around here are just using their call, In mycase, LB9LBU for home APRS station. Then adding other -# for additional units.

>-----
>Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B
>Qualcomm, Inc. Globalstar/Gateway Reverse Link
>Intranet --> <http://web/~rparry>
>Internet --> <http://www.qualcomm.com/~rparry>
>AX.25 --> W9IF@K6JCC.#SOCAL.CA.USA.NOAM
>-----

If you add your regular email to the above, I could have replied directly instead of via the sig. For some reason, my IP won't pass the originators address. so all my incoming messages are from aprssig@tapr.org. So without a direct email address, I'm forced to reply via the SIG. I'll have to work on the IP stuff. Thanks for the concideration.

Roger Sellers KB9LBU
email: rsellers@rockford.com

>
>
Roger Sellers KB9LBU
email: Home: rsellers@rockford.com
KB9LBU@juno.com
Work: rsellers@snds.com

From schiers@ames.net Fri Dec 27 15:17:16 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA05487 for <aprssig@tapr.org>; Fri, 27 Dec 1996 15:17:14 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net (8.6.12/8.6.9) with SMTP id PAA18303 for <aprssig@tapr.org>; Fri, 27 Dec 1996 15:15:49 -0600
Message-Id: <199612272115.PAA18303@brain.ames.net>
Date: Fri, 27 Dec 96 15:13:34 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7816] Re: Weather Station Compatability
In-Reply-To: <32C42714.69EA@cjnetworks.com>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <32C42714.69EA@cjnetworks.com>, on 12/27/96 at 11:46 AM,

Ross McClain <aa0mm@cjnetworks.com> said:

>We recently put in a U-2000 at EOC here. The Outside Temp/Humidity
>Sensor needed to be on North..

Confirming my earlier compliment of Peet Bros. customer service:

My new temp/humidity sensor arrived today, at no charge.
The also sent me a free separate temp sensor that was well
out of warranty, because I indicated I had been having trouble with it for
some time.

I have all my wx sensors in a ventillated box on the north side of a pole.
It is fully shaded and weather guarded (not wx
proofed...or they wouldn't work). Now, let's see how well the new
peripherals work.

I hope to have them up tomorrow..right now the temp/humidity
sensor is sitting on a chair, showing 60 degrees...so those of you copying
my packets, don't get your hopes up...it's really 25 deg and we have 5
inches of snow on the ground.

Again, Kudos to Bill and his staff at Peet Bros, a first class company.
73,

hasan schiers, NOAN

schiers@ames.net

From schiers@ames.net Fri Dec 27 16:08:53 1996

Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA08210 for <aprssig@tapr.org>; Fri, 27 Dec 1996
16:08:52 -0600 (CST)

From: schiers@ames.net

Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id QAA18833 for <aprssig@tapr.org>; Fri, 27 Dec 1996
16:07:26 -0600

Message-Id: <199612272207.QAA18833@brain.ames.net>

Date: Fri, 27 Dec 96 16:05:46 -0500

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7824] Re: SSID clarification

In-Reply-To: <3.0.32.19961227151141.006ce368@rockford.com>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <3.0.32.19961227151141.006ce368@rockford.com>, on 12/27/96 at 03:18 PM,
Roger Sellers <rsellers@rockford.com> said:

>For some reason, my IP won't pass the
>originators address. so all my incoming messages are from
>aprssig@tapr.org. So without a direct email address, I'm forced to reply
>via the SIG. I'll have to work on the IP stuff.

This is a much more common problem than many appreciate. I had to put up with it for 9 months, because my ISP was stripping the headers. Galacticom software is famous for it. Fortunately, about three weeks or so ago, the ISP upgraded their software and now the problem is gone. I would recommend looking at the headers of incoming aprssig messages. I wouldn't be surprised to see that the originator's email address has been stripped. In that case you need to make a "stern" contact with your service provider....they are breaking the rules and screwing everyone else up.

In the mean time, as I have asked others to do in the past, PLEASE put your return private email address in the signature of your messages. That way, a private reply can be made, even though the ISP is stripping the header. Example below:

hasan schiers, NOAN

schiers@ames.net

From davew@cruzio.com Fri Dec 27 16:21:01 1996
Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA08798 for <aprssig@tapr.org>; Fri, 27 Dec 1996 16:20:59 -0600 (CST)
Date: Fri, 27 Dec 1996 16:20:59 -0600 (CST)
Received: from tofu143.cruzio.com by bbs.cruzio.com id aa14662; 27 Dec 96 14:11 PST
X-Sender: davew@mail.cruzio.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:7594] Re: APRS 40m HF discussion
Message-ID: <9612271411.aa14662@bbs.cruzio.com>

At 08:34 PM 12/22/96 -0600, you wrote:

>Bob Bruninga wrote:

>>

>> We need to launch a serious 40 meter crusade for an APRS frequency.

>

>Count me in. Will attempt to monitor 40m activity here near K.C...

>Think I'll start with 7.085, LSB, to start...

>Anyone else?

>

>Happy Christmas &

>

>--

>73, Paul, n01rf@amsat.org

>

>.-

>

One problem I see with this freq is that it is in the middle of the RTTY

sub-band. About once a month during the RTTY contests you will probably get trashed by RTTY QRM. I will probably be one of them running a Kw to a 2el beam.

Dave

David L. Wells KD6TO (KD6 Teletype Operator)

INTERNET: davew@cruzio.com

Watsonville, CA USA

"positive rate, gear up, flaps to initial....I'm outa here!"

From star@pbfreenet.seflin.lib.fl.us Fri Dec 27 16:28:12 1996

Received: from pbfreenet.seflin.lib.fl.us (star@pbfreenet.seflin.lib.fl.us [199.227.192.35]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA08985 for <aprssig@tapr.org>; Fri, 27 Dec 1996 16:28:10 -0600 (CST)

Received: (from star@localhost) by pbfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id RAA28187; Fri, 27 Dec 1996 17:27:25 -0500

Date: Fri, 27 Dec 1996 17:27:23 -0500 (EST)

From: Joseph Novak <star@pbfreenet.seflin.lib.fl.us>

Subject: I'm Loosing my Memory

To: aprssig@tapr.org

Message-ID: <Pine.3.89.9612271755.A26098-01000000@pbfreenet.seflin.lib.fl.us>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear fellow APRS persons,

Its either just my computer, a year old DX2-100, or the dreaded Alzheimers virus, but my computer is beginning to loose RAM. It started on Christmas day when I noticed the memory was indicating 8MB rather than its usual 16MB. Today it dropped to 4MB. I'm afraid to turn it on tomorrow. The only recent software I have downloaded is whatever I get from JUNO - no telling what that stuff is. Anybody else affected?

Happy holidays

Joe Novak, K40VK,

afstar@juno.com

From rhiii@mnsinc.com Fri Dec 27 17:10:01 1996

Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA10940 for <aprssig@tapr.org>; Fri, 27 Dec 1996 17:10:00 -0600 (CST)

Received: from news2.mnsinc.com (news2.mnsinc.com [206.55.3.16]) by mail1.mnsinc.com (8.8.4/8.7.3) with ESMTP id SAA19107 for <aprssig@tapr.org>; Fri, 27 Dec 1996 18:09:57 -0500 (EST)

Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by news2.mnsinc.com (8.8.3/8.7.3) with SMTP id SAA20548 for <aprssig@tapr.org>; Fri, 27 Dec 1996 18:09:56 -0500 (EST)

From: rhiii@mnsinc.com (Richard H.)

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7769] 10m APRS

Date: Fri, 27 Dec 1996 23:07:28 GMT
Message-ID: <32c45578.32253669@relay.mnsinc.com>
References: <19961226.204052.5599.0.kf4xh@juno.com>
In-Reply-To: <19961226.204052.5599.0.kf4xh@juno.com>
X-Mailer: Forte Agent .99f/16.299
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Thu, 26 Dec 1996 18:40:19 -0600 (CST), you wrote:

>Anyone willing to work aprs on 29.29fm @ 1200baud ?
>Could be something to do with your 2510/2600 Uniden that is getting
>little use.
>Comments
>
>kf4xh@juno.com

what tones/shift and times ??

de Richard/n2jir

From davidmc@goodnet.com Fri Dec 27 17:44:26 1996
Received: from goodguy.goodnet.com (goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA12920 for <aprssig@tapr.org>; Fri, 27 Dec 1996 17:44:25 -0600 (CST)
Received: from 207.98.131.2 (phx-ts1-1.goodnet.com [207.98.131.2]) by goodguy.goodnet.com (8.8.4/8.8.2) with SMTP id QAA08020 for <aprssig@tapr.org>; Fri, 27 Dec 1996 16:43:32 -0700 (MST)
Message-ID: <32C45FA1.45C9@goodnet.com>
Date: Fri, 27 Dec 1996 16:46:06 -0700
From: David/Roxanne McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 3.01 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7783] Rose Parade Coverage
References: <19961226.202248.6470.0.Hfigueroa@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Too bad this isn't Gated so all of us could watch it on our maps.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ
email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam
Visit the family homepage: <http://www.goodnet.com/~davidmc/>
"As for me and my house, we will serve the Lord." Jos 24:15

From z004391b@bcfreenet.seflin.lib.fl.us Fri Dec 27 17:49:06 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA13379 for <aprssig@tapr.org>; Fri, 27 Dec 1996 17:49:04 -0600 (CST)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)

id SAA26965; Fri, 27 Dec 1996 18:48:36 -0500
Date: Fri, 27 Dec 1996 18:48:36 -0500 (EST)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:7828] I'm Loosing my Memory
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <Pine.3.89.9612271755.A26098-0100000@pbfreenet.seflin.lib.fl.us>
Message-ID: <Pine.3.89.9612271805.A2921-0100000@bcfreenet>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There isn't much software out there that will 'kill' memory. I suspect that your problem is one of two things:

1 - You are getting corrosion on the memory connector pins. Remove the memory and re-insert a couple of times. Be sure not to kill the memory with ESD (Electro Static Discharge - sparks). Keep a finger or arm on the metal part of the case to discharge yourself as you do this.

2 - The system CMOS settings may have changed recently. Go into the 'CMOS SETUP' and make sure that you have enough memory 'wait states' (timing delays) to make your systems memory work. Just to test, set all the timing to the slowest. If it works then find a timing setting that works for your system.

I suspect it is number (2) above. Your machine is a 50 Mhz machine with a clock doubler in the CPU. That means that your machine is running at 50 Mhz, which is pretty quick. You should have 60 ns memory, although 70 or 80 will work with enough wait states. The 60 ns memory will require fewer, and therefore your machine will run a bit faster. 73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Fri, 27 Dec 1996, Joseph Novak wrote:

>
> Dear fellow APRS persons,
>
>
> Its either just my computer, a year old DX2-100, or the dreaded
> Alzheimers virus, but my computer is beginning to loose RAM. It started
> on Christmas day when I noticed the memory was indicating 8MB
> rather than its usual 16MB. Today it dropped to 4MB. I'm afraid to
> turn it on tomorrow. The only recent software I have downloaded is
> whatever I get from JUNO - no telling what that stuff is. Anybody else
> affected?
>
> Happy holidays
>
> Joe Novak, K40VK,

> afstar@juno.com

>

From MBoyce1856@aol.com Fri Dec 27 18:34:41 1996
Received: from emout17.mail.aol.com (emout17.mx.aol.com [198.81.11.43]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA15736 for <aprssig@tapr.org>; Fri, 27
Dec 1996 18:34:40 -0600 (CST)
From: MBoyce1856@aol.com
Received: by emout17.mail.aol.com (8.6.12/8.6.12) id TAA10933 for
aprssig@tapr.org; Fri, 27 Dec 1996 19:34:09 -0500
Date: Fri, 27 Dec 1996 19:34:09 -0500
Message-ID: <961227193408_1755439648@emout17.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7828] I'm Loosing my Memory

Since all simm assemblies rely on pressure for contact, try removing all
memory units and re-seating them. Actual contacts may be cleaned with a
pencil erasure.

Good Luck!

k0coy@amsat.org

mboyce1856@aol.com

From eac@shore.net Fri Dec 27 19:06:11 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA17497 for <Aprssig@Tapr.Org>; Fri, 27
Dec 1996 19:06:10 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id UAA10443 for <Aprssig@Tapr.Org>; Fri,
27 Dec 1996 20:06:09 -0500 (EST)
Received: from pm2-82 (pm2-82.lynnma.shore.net [204.167.109.82]) by
northshore.shore.net (8.8.3/8.8.3) with SMTP id UAA27503 for <Aprssig@Tapr.Org>;
Fri, 27 Dec 1996 20:06:07 -0500 (EST)
MIME-Version: 1.0
Date: Fri, 27 Dec 1996 20:06:18 -0400
To: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7766] Re: TRIPMATE MAX SPEED? Solved
Message-Id: <851735178-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <851735178-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

I talked to Delorme Tech Support and they did not put
in any speed restriction. They even tested the unit in
a Jet. The only restriction is what Rockwell put in the
firmware.

73 Eric eac@shore.net

From n0lrf@amsat.org Fri Dec 27 19:10:43 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA17660 for <aprssig@tapr.org>; Fri, 27 Dec 1996 19:10:39 -0600 (CST)
Received: from pm6_08.computer-services.com (pm6_08.computer-services.com [206.101.232.155]) by arthur.computer-services.com (8.7.4/8.7.1) with SMTP id TAA01652 for <aprssig@tapr.org>; Fri, 27 Dec 1996 19:06:28 -0600
Message-ID: <32C48EEF.4387@amsat.org>
Date: Fri, 27 Dec 1996 19:07:27 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: 40m HF discussion
References: <9612271411.aa14662@bbs.cruzio.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Wells wrote:

>

> At 08:34 PM 12/22/96 -0600, you (N0LRF) wrote:

> >Think I'll start with 7.085, LSB, to start...

> One problem I see with this freq is that it is in the middle of the RTTY
> sub-band. About once a month during the RTTY contests you will probably get
> trashed by RTTY QRM. I will probably be one of them running a Kw to a 2el beam.

Hi Dave, thanks for the info. Personally, I could live with a day off, once a month. Maybe we could shut down APRS that day if we know ahead when that would be. I really don't care what freq is used, so long as we can live peacefully with our brother/sister hams!

Dave, can you suggest a freq? After a week of work on 7.085, I find lots of QRM there from time to time. I would like to propose we try 7.088.00 LSB as a standard freq---it seems a bit less congested. That's probably still in the RTTY band I bet?...

Anyway, what do the rest of you think?

Thanks again Dave, for some constructive criticism...:)

73, Paul, n0lrf@amsat.org

From eac@shore.net Fri Dec 27 19:30:48 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA18791 for <Aprssig@Tapr.Org>; Fri, 27 Dec 1996 19:30:47 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id UAA14296 for <Aprssig@Tapr.Org>; Fri, 27 Dec 1996 20:30:45 -0500 (EST)
Received: from pm2-82 (pm2-82.lynnma.shore.net [204.167.109.82]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id UAA02308 for <Aprssig@Tapr.Org>;

Fri, 27 Dec 1996 20:30:43 -0500 (EST)
MIME-Version: 1.0
Date: Fri, 27 Dec 1996 20:30:54 -0400
To: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7786] Re: Weather Station Compatability
Message-Id: <851736654-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <851736654-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

And amazingly if you boil water the temperature will stay near 212 degrees F until the water is gone. I noticed a meat thermometer has a test mark at 212 degrees.

73 Eric eac@shore.net

From rgervenack@juno.com Fri Dec 27 19:37:24 1996
Received: from x14.boston.juno.com (x14.boston.juno.com [205.231.101.27]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA19418 for <aprssig@tapr.org>; Fri, 27 Dec 1996 19:37:22 -0600 (CST)
Received: (from rgervenack@juno.com) by x14.boston.juno.com (queuemail) id UqW10820; Fri, 27 Dec 1996 20:36:51 EST
To: aprssig@tapr.org
Date: Fri, 27 Dec 1996 17:31:39 pst
Subject: Re: I'm Loosing my Memory
Message-ID: <19961227.173159.13591.1.rgervenack@juno.com>
References: <961227193408_1755439648@emout17.mail.aol.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1-17
From: rgervenack@juno.com (Robert W Gervenack)

DOES NOT THE SULPHUR IN THE RUBBER ERASER EFFECT THE METAL IN THE CONTACT?

Seems to me it would be better to use a non-corrosive type cleaner.

Gervie

rgervenack@juno.com

On Fri, 27 Dec 1996 18:45:57 -0600 (CST) MBoyce1856@aol.com writes:
>Since all simm assemblies rely on pressure for contact, try removing
>all
>memory units and re-seating them. Actual contacts may be cleaned with
>a
>pencil erasure.
>
>Good Luck!
>k0coy@amsat.org
>mboyce1856@aol.com
>
>

From amirault@laraby.tiac.net Fri Dec 27 20:10:44 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA21484 for <aprssig@tapr.org>; Fri, 27 Dec 1996 20:10:43 -0600 (CST)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.2/8.6.6.Beta9) id VAA11665; Fri, 27 Dec 1996 21:13:27 -0500 (EST)
Date: Fri, 27 Dec 1996 21:13:26 -0500 (EST)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7792] MCX Connector
In-Reply-To: <3.0.16.19961226234316.0e172de4@mailhost.primenet.com>
Message-ID: <Pine.BSF.3.91.961227211002.11539A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Dec 1996, Mark Fellhauer wrote:

> I know we've covered this before, but I wasn't paying attention, because it
> didn't apply to me.
>
> For Christmas I received the Trimble GPS antenna offered by PacComm. I
> need to find an MCX to BNC adaptor, as I don't want to cut the plug off the
> cable. In the future, I plan to buy the GPS-20 engine, but for now I'd
> like to use the antenna with my Magellan Trailblazer XL.
>
> Can someone please post a source for these adaptors again?

I recently went thru a similar experience....I cut off the connector on my Trimble and bought a crimp-on BNC for RG-174. Do **not** bother trying to crimp this connector (unless you have the **proper** crimp tool) it is easy to **solder** this connector on to the RG-174 cable instead.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From sdimse@bridge.net Fri Dec 27 20:25:08 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA22436 for <aprssig@tapr.org>; Fri, 27 Dec 1996 20:25:07 -0600 (CST)
Received: from [199.174.157.85] (dd15-085.compuserve.com [199.174.157.85]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id VAA21277 for <aprssig@tapr.org>; Fri, 27 Dec 1996 21:24:56 -0500 (EST)
Message-Id: <199612280224.VAA21277@newworld.bridge.net>
Subject: Re: [APRSSIG:7835] Re: Weather Station Compatability
Date: Fri, 27 Dec 96 21:24:58 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>And amazingly if you boil water the temperature will stay near 212
>degrees F until the water is gone. I noticed a meat thermometer
>has a test mark at 212 degrees.

>

Only at sea level!

Steve K4HG

From wendysue@global2000.net Fri Dec 27 20:28:14 1996

Received: from mail.global2000.net (root@mail.global2000.net [198.69.121.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA22531 for <aprssig@tapr.org>; Fri, 27
Dec 1996 20:28:13 -0600 (CST)

Received: from test.global2000.net (dialup-60.global2000.net [205.247.145.130]) by
mail.global2000.net (8.8.4/SecureMode) with SMTP id VAA26473 for

<aprssig@tapr.org>; Fri, 27 Dec 1996 21:28:12 -0500

Message-ID: <32C485D2.225E@global2000.net>

Date: Fri, 27 Dec 1996 21:28:34 -0500

From: John M Dombkowski <wendysue@global2000.net>

Organization: Mobile Office Services

X-Mailer: Mozilla 2.0 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: test

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I'm not sure i'm receiving anything from the sig today.

John

--

John M Dombkowski N20JY

Wendy S Helm N2XXX

503 Middle Grove Rd

Middle Grove New York 12850-1107

518-584-6554

e mailto:wendysue@global2000.net

From davew@cruzio.com Fri Dec 27 20:39:39 1996

Received: from mail.cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA23336 for <aprssig@tapr.org>; Fri, 27 Dec 1996
20:39:38 -0600 (CST)

Date: Fri, 27 Dec 1996 20:39:38 -0600 (CST)

Received: from tofu143.cruzio.com by bbs.cruzio.com id aa00976;
27 Dec 96 18:34 PST

X-Sender: davew@mail.cruzio.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: David Wells <davew@cruzio.com>

Subject: Re: [APRSSIG:7834] 40m HF discussion

Message-ID: <9612271834.aa00976@bbs.cruzio.com>

At 07:14 PM 12/27/96 -0600, you wrote:

>David Wells wrote:

>>

>> At 08:34 PM 12/22/96 -0600, you (N0LRF) wrote:

>

>> >Think I'll start with 7.085, LSB, to start...

>

>> One problem I see with this freq is that it is in the middle of the RTTY
>> sub-band. About once a month during the RTTY contests you will probably get
>> trashed by RTTY QRM. I will probably be one of them running a Kw to a 2el
beam.

>

>Hi Dave, thanks for the info. Personally, I could live with a day off,
>once a month. Maybe we could shut down APRS that day if we know ahead
>when that would be. I really don't care what freq is used, so long as
>we can live peacefully with our brother/sister hams!

>

>Dave, can you suggest a freq? After a week of work on 7.085, I find
>lots of QRM there from time to time. I would like to propose we try
>7.088.00 LSB as a standard freq---it seems a bit less congested. That's
>probably still in the RTTY band I bet?...

>

>Anyway, what do the rest of you think?

>

>Thanks again Dave, for some constructive criticism...:)

>

>73, Paul, n0lrf@amsat.org

>

>.-

>

Perhaps just below 7080 or just above 7090 but even these are busy in a big
contest.

Dave

David L. Wells KD6TO (KD6 Teletype Operator)

INTERNET: davew@cruzio.com

Watsonville, CA USA

"positive rate, gear up, flaps to initial....I'm outa here!"

From sparkfel@primenet.com Fri Dec 27 20:43:18 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA23454 for <aprssig@tapr.org>; Fri, 27
Dec 1996 20:43:16 -0600 (CST)

Received: from ip-21-204.phx.primenet.com (ip-21-204.phx.primenet.com
[206.165.21.204]) by primenet.com (8.8.3/8.8.3) with SMTP id TAA16585 for
<aprssig@tapr.org>; Fri, 27 Dec 1996 19:43:13 -0700 (MST)

Date: Fri, 27 Dec 1996 19:43:13 -0700 (MST)

Message-Id: <3.0.16.19961227194311.37ef318c@mailhost.primenet.com>

X-Sender: sparkfel@mailhost.primenet.com

X-Mailer: Windows Eudora Pro Version 3.0 (16)

To: aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: [APRSSIG:7809] RE: MCX Connector
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:27 AM 12/27/96 -0600, you wrote:

>Hold up before you go and purchase anything.
>
>The connector on the antenna is an SMB plug. The connector on the Garmin
is an MCX.
>
>Don't want you to waste funds on the wrong items.
>
>

I stand corrected. Now I need a good way to go from SMB to TNC.

Thanks for pointing that out (everyone who did).

73,

Mark

From n5rkn@apex2000.net Fri Dec 27 20:50:39 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA23916 for <aprssig@tapr.org>; Fri, 27
Dec 1996 20:50:37 -0600 (CST)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with
ESMTP id aa003484 for <aprssig@tapr.org>; Fri, 27 Dec 1996 20:49:58 -0600
Message-ID: <32C48AD8.3971@apex2000.net>
Date: Fri, 27 Dec 1996 20:50:00 -0600
From: Robert Jordan <n5rkn@apex2000.net>
Reply-To: n5rkn@apex2000.net
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: AutoWx & N5K0A
References: <82961227194628/0004818186NA4EM@MCIMAIL.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Miami Network wrote:

>
> I am trying to reach Les the author of AutoWx. Les I have misplaced
> your E-mail address. If you see this please message me directly.
>
> 73, Seymour, KC4NMY
> miaminet@mcimail.com
Here's Les's e-mail: lcb911@apex2000.net
Just had lunch with him today & he maintains updates to his
AUTOWX on my bbs.

73' Robert N5RKN

--

'Twas brillig, and the slithy toves
Did gyre and gimble in the wabe:
All mimsy were the borogroves,
And the mome raths outgrabe.

From sparkfel@primenet.com Fri Dec 27 20:58:21 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA24272 for <aprssig@tapr.org>; Fri, 27
Dec 1996 20:58:20 -0600 (CST)
Received: from ip-21-204.phx.primenet.com (ip-21-204.phx.primenet.com
[206.165.21.204]) by primenet.com (8.8.3/8.8.3) with SMTP id TAA20375; Fri, 27 Dec
1996 19:58:16 -0700 (MST)
Date: Fri, 27 Dec 1996 19:58:16 -0700 (MST)
Message-Id: <3.0.16.19961227195814.2ec7bd38@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 3.0 (16)
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: MCX Connector
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:13 PM 12/27/96 -0600, Richard Amirault wrote:

>I recently went thru a similar experience....I cut off the connector on
>my Trimble and bought a crimp-on BNC for RG-174. Do *not* bother trying
>to crimp this connector (unless you have the *proper* crimp tool)
>it is easy to *solder* this connector on to the RG-174 cable instead.
>
>

This sounds like the best most cost effective solution I've gotten so far,
I'll give it a try.

73,

Mark

From cn2859@coastalnet.com Fri Dec 27 21:10:25 1996
Received: from abaco.coastalnet.com (abaco.coastalnet.com [204.183.40.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA25396 for <aprssig@tapr.org>; Fri, 27
Dec 1996 21:10:23 -0600 (CST)
Received: from default (pm-wsh2-78.coastalnet.com [205.245.121.78]) by
abaco.coastalnet.com (8.6.12/8.6.12) with SMTP id WAA05339 for <aprssig@tapr.org>;
Fri, 27 Dec 1996 22:09:36 -0500
Message-Id: <1.5.4.32.19961228031021.00683060@abaco.coastalnet.com>
X-Sender: cn2859@abaco.coastalnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Dec 1996 22:10:21 -0500

To: aprssig@tapr.org
From: "David Michael Gaytko ***@*** WD4KPD/FM15mm/NC" <cn2859@coastalnet.com>
Subject: Re: [APRSSIG:7829] Re: 10m APRS

At 17:13 27-12-96 -0600, you wrote:

>On Thu, 26 Dec 1996 18:40:19 -0600 (CST), you wrote:

>
>>Anyone willing to work aprs on 29.29fm @ 1200baud ?
>>Could be something to do with your 2510/2600 Uniden that is getting
>>little use.
>>Comments
>>
>>kf4xh@juno.com
>
>
>what tones/shift and times ??
>
>de Richard/n2jlr
>
>
+++++

if you get an answer, pse let me know also, as i am interested also...david>

From sdimse@bridge.net Fri Dec 27 21:47:54 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27794 for <aprssig@tapr.org>; Fri, 27
Dec 1996 21:47:52 -0600 (CST)
Received: from [199.174.157.85] (dd15-085.compuserve.com [199.174.157.85]) by
newworld.bridge.net (8.8.3/8.8.3) with SMTP id WAA27990 for <aprssig@tapr.org>;
Fri, 27 Dec 1996 22:47:44 -0500 (EST)
Message-Id: <199612280347.WAA27990@newworld.bridge.net>
Subject: Re: [APRSSIG:7820] Weather data reports
Date: Fri, 27 Dec 96 22:47:46 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

> Where we had Txx/Rxxx/Pxxx/Bxxx/Hxxx/U2a ,
>
> Now see : Txx/RxxxpxxxgoooUII and other variations,
>
> Is this change intentional, a programing error, or something
>overlooked ?????..

This is a new format begun several months ago to allow higher precision,
note one extra digit for each of the lower case values, dropping the '/'
between each save the space for the additional precision made possible by
the newer weather stations.

Check out protocol.txt in the help files.

Steve K4HG

From truxenia@erinet.com Fri Dec 27 22:18:09 1996
Received: from erinet.com (eri.erinet.com [207.0.229.18]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA29267 for <aprssig@tapr.org>; Fri, 27 Dec 1996
22:18:08 -0600 (CST)
Received: from truxenia (dlp02.dayton.eri.net [207.90.116.34]) by erinet.com
(8.8.0/8.8.0) with ESMTP id XAA23168 for <aprssig@tapr.org>; Fri, 27 Dec 1996
23:17:34 -0500 (EST)
Message-Id: <199612280417.XAA23168@erinet.com>
From: "Truman Boerkoel" <truxenia@erinet.com>
To: "Sig APRS" <aprssig@tapr.org>
Subject: Fw: Tripmate Power Adaptor Kit
Date: Fri, 27 Dec 1996 23:15:43 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Message: Hi Folks,

In your haste to get the product out, you neglected to include any instructions with the Kit which I received in the mail today.

Would it be possible to post it on your home page, or send it via e-mail.

Regards

Truman Boerkoel

> From: David Solomon <dsolomon@delorme.com>
> To: 'truxenia@erinet.com'
> Subject: RE: Tripmate Power Adaptor Kit
> Date: Friday, December 27, 1996 9:00 AM
>
> <http://www.delorme.com/products/tripmate/kit.htm>
>
> David Solomon
> DeLorme Mapping Technical Support
> <http://www.delorme.com/support/>

From truxenia@erinet.com Fri Dec 27 22:51:21 1996
Received: from erinet.com (eri.erinet.com [207.0.229.18]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA01144 for <aprssig@tapr.org>; Fri, 27 Dec 1996
22:51:20 -0600 (CST)
Received: from truxenia (dlp02.dayton.eri.net [207.90.116.34]) by erinet.com

(8.8.0/8.8.0) with ESMTP id XAA28362 for <aprssig@tapr.org>; Fri, 27 Dec 1996 23:50:44 -0500 (EST)

Message-Id: <199612280450.XAA28362@erinet.com>

From: "Truman Boerkoel" <truxenia@erinet.com>

To: "Sig APRS" <aprssig@tapr.org>

Subject: Tripmate Power Adaptor Kit

Date: Fri, 27 Dec 1996 23:48:55 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Message: Hi Folks,

In your haste to get the product out, you neglected to include any instructions with the Kit which I received in the mail today.

Would it be possible to post it on your home page, or send it via e-mail.

Regards

Truman Boerkoel

> From: David Solomon <dsolomon@delorme.com>
> To: 'truxenia@erinet.com'
> Subject: RE: Tripmate Power Adaptor Kit
> Date: Friday, December 27, 1996 9:00 AM
>
> <http://www.delorme.com/products/tripmate/kit.htm>
>
> David Solomon
> DeLorme Mapping Technical Support
> <http://www.delorme.com/support/>

From fhickey@neosoft.com Sat Dec 28 01:34:32 1996

Received: from mailbox.neosoft.com (mailbox.neosoft.com [206.109.1.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA15652 for <aprssig@tapr.org>; Sat, 28 Dec 1996 01:34:31 -0600 (CST)

Received: from fhickey.neosoft.com (winnie-ppp-port-61.neosoft.com [206.109.10.122]) by mailbox.neosoft.com (8.8.4/8.8.3) with SMTP id BAA23029 for <aprssig@tapr.org>; Sat, 28 Dec 1996 01:34:28 -0600 (CST)

Message-ID: <32C4CDED.AAD@neosoft.com>

Date: Sat, 28 Dec 1996 01:36:13 -0600

From: Anthony Hickey <fhickey@neosoft.com>

Reply-To: fhickey@neosoft.com

X-Mailer: Mozilla 3.0Gold (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org
Subject: Re: 40m HF discussion
References: <32C48EEF.4387@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Stump wrote:

>

> Hi Dave, thanks for the info. Personally, I could live with a day off,
> once a month. Maybe we could shut down APRS that day if we know ahead
> when that would be. I really don't care what freq is used, so long as
> we can live peacefully with our brother/sister hams!

After Checking a RTTY contest calender I found that there are at least 19 RTTY contests for 1997 starting on the Jan. 1st. Most of these are weekends lasting 48 hours. I didn't bother to check the specifics, but most are all band which would give us about 40 days of RTTY QRM. I think that is a bit much especially since they are on the weekends when the mobiles might want to use 40m the most.

> Dave, can you suggest a freq? After a week of work on 7.085, I find
> lots of QRM there from time to time. I would like to propose we try
> 7.088.00 LSB as a standard freq---it seems a bit less congested. That's
> probably still in the RTTY band I bet?...

>

> Anyway, what do the rest of you think?

Why doesn't someone try in the 7.100-7.150 range which is virtually unused by hams?

Yes, I know it is filled with broadcast stations, but our signals are narrow enough not to disrupt the reception of a strong station. (like VOA) If we use a freq. like 7.100, 7.105, etc. -one that has a strong broadcast station, we will be protected by all further QRM. All you need to do to see what I mean is to tune in to a strong station on AM and push ssb to see how much more reduced it is. Then if you can switch to a narrower mode to receive like RTTY fsk and after tuning correctly to match the sideband the broadcast station almost disappears. You can't even hear one with a 500hz. filter. I must warn anyone who might want to try this to turn the AGC off if possible since the carriers of the broadcast will drastically decrease your sensitivity even if it isn't audible.

I don't have any ideas of a specific frequency so someone else will have to come up with that.

73, Anthony AB5QR fhickey@neosoft.com

From james-m@ix.netcom Sat Dec 28 03:10:25 1996
Received: from dfw-ix4.ix.netcom.com (dfw-ix4.ix.netcom.com [206.214.98.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA19199 for <aprssig@tapr.org>; Sat, 28 Dec 1996 03:10:23 -0600 (CST)

Received: from #james-m (sav-ga1-14.ix.netcom.com [205.184.8.46]) by dfw-ix4.ix.netcom.com (8.6.13/8.6.12) with ESMTP id BAA23152 for <aprssig@tapr.org>; Sat, 28 Dec 1996 01:10:07 -0800
Message-Id: <199612280910.BAA23152@dfw-ix4.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7808] WinAPRS background colors
Date: Sat, 28 Dec 1996 04:03:01 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thank you kind sir, give a few days to reevaluate it after your change, and I feel sure my registration fee will be on the way to you..

By the way, your quick response to this suggestions speaks volumes for you and your support of customer suggestions..

Keep up the good work and thanks

Don

> From: Mark Sproul <sproul@ap.org>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7808] WinAPRS background colors
> Date: Friday, December 27, 1996 11:14 AM
>
> First, if anyone is trying to send me private email, my email server
> currently has a full disk and it is probably rejecting any incoming
> email.
> If you get email bounced from me, just try to send it again latter.
>
>
> The next release of WinAPRS will have BACKGROUND COLORS, you can set the
> MAP background to any color you like, you can control the text of
> callsigns
> to be either BLACK or WHITE. Note, this works on MacAPRS as well.
>
> So, those people that said they would use WinAPRS when it had back ground
> colors, get ready. I hope to have this out by next week.
>
> Other items that we are working on
>
> Maxum Weather stations, we have this working, If ANYONE has one of
> these or is thinking about getting one let us know please.
>
> Mic-E, we are working on getting the Mic-E support and hope to have
> it finished real soon. This will be both Mac and Windows.
>

>
> Mark
>
>

> Mark Sproul |Amateur Radio: KB2ICI
> Software Engineer @ Assoc Press |
> sproul@ap.org |Work: 609-860-7120
> North Brunswick, NJ |Fax: 609-860-7129
> <http://msproul.rutgers.edu/>
>

>
>

From barrettd@crpl.cedar-rapids.lib.ia.us Sat Dec 28 05:29:43 1996
Received: from CRPL.CEDAR-RAPIDS.LIB.IA.US (crpl.cedar-rapids.lib.ia.us
[198.134.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA23754 for
<aprssig@tapr.org>; Sat, 28 Dec 1996 05:29:42 -0600 (CST)
Received: from ppp-103.cedar-rapids.lib.ia.us by CRPL.CEDAR-RAPIDS.LIB.IA.US with
SMTP;

Sat, 28 Dec 1996 5:28:37 -0600 (CST)
Message-ID: <32C504A6.3F36@crpl.cedar-rapids.lib.ia.us>
Date: Sat, 28 Dec 1996 05:29:42 -0600
From: David Barrett <barrettd@crpl.cedar-rapids.lib.ia.us>
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7821] AutoWx
References: <82961227194628/0004818186NA4EM@MCIMAIL.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Miami Network wrote:

>
> I am trying to reach Les the author of AutoWx. Les I have misplaced
> your E-mail address. If you see this please message me directly.
>
> 73, Seymour, KC4NMY
> miaminet@mcimail.comHe has a web page hope this helps

<<http://www.apex2000.net/personal/lcb911/main.htm>>

From BordingK@aol.com Sat Dec 28 06:30:26 1996
Received: from emout02.mail.aol.com (emout02.mx.aol.com [198.81.11.93]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA25431 for <aprssig@tapr.org>; Sat, 28
Dec 1996 06:30:25 -0600 (CST)
From: BordingK@aol.com
Received: by emout02.mail.aol.com (8.6.12/8.6.12) id HAA15816 for
aprssig@tapr.org; Sat, 28 Dec 1996 07:29:54 -0500
Date: Sat, 28 Dec 1996 07:29:54 -0500
Message-ID: <961228072954_777998532@emout02.mail.aol.com>
To: aprssig@tapr.org

Subject: PK-12 to Remote Peet Bros Wx Set-up

Looking for set-up instructions for AEA PK-12 to either U2/U2000/U500 running as Remote weather station.

AEA TNC GPS Upgrade Addendum (page 5) states that "Set-Up procedures for U-II are discussed later in this chapter", but I'm missing that page for some reason.

Any assistance would be appreciated. Have a Happy New Year!

de KF4COH
Ken in Jax, FL

From n0lrf@amsat.org Sat Dec 28 06:44:03 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA25784 for <aprssig@tapr.org>; Sat, 28 Dec 1996 06:44:02 -0600 (CST)
Received: from pm6_07.computer-services.com (pm6_07.computer-services.com [206.101.232.154]) by arthur.computer-services.com (8.7.4/8.7.1) with SMTP id GAA07369 for <aprssig@tapr.org>; Sat, 28 Dec 1996 06:39:59 -0600
Message-ID: <32C531C4.1A9D@amsat.org>
Date: Sat, 28 Dec 1996 06:42:12 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7838] Re: Weather Station Compatability
References: <199612280224.VAA21277@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

> Only at sea level!

With the barometric pressure at 29.92...:)

--

73, Paul, n0lrf@amsat.org

From n2xdd@juno.com Sat Dec 28 07:09:41 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA26722 for <aprssig@tapr.org>; Sat, 28 Dec 1996 07:09:40 -0600 (CST)
Received: (from n2xdd@juno.com) by x9.boston.juno.com (queuemail) id IJT29841; Sat, 28 Dec 1996 08:09:33 EST
To: aprssig@tapr.org
Date: Sat, 28 Dec 1996 08:13:35 PST
Subject: Wiring up a cable for a GPS II and PK-12
Message-ID: <19961228.081338.8958.0.N2XDD@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,3-5,7-10

From: n2xdd@juno.com (ed j wilson)

I purchased a Garmin Power/Data cable with bare ends. I'll wire up the red/black pair as a cigarette plug. How to I wire up the brown/white pair?

to which pins of a 25 pin connector?

Is there anyone selling printed circuit boards for a single port connector?

tnks for the bandwidth!

73 de N2XDD Ed

From sdimse@bridge.net Sat Dec 28 07:38:28 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA27629 for <aprssig@tapr.org>; Sat, 28 Dec 1996 07:38:27 -0600 (CST)

Received: from [199.174.156.78] (dd14-078.compuserve.com [199.174.156.78]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id IAA24823 for <aprssig@tapr.org>; Sat, 28 Dec 1996 08:38:20 -0500 (EST)

Message-Id: <199612281338.IAA24823@newworld.bridge.net>

Subject: javAPRS Improvements

Date: Sat, 28 Dec 96 08:38:22 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

I have made a significant improvement in the way javAPRS handles screen updates, but there is a report it may not work correctly on all machines. I'd like to get an idea how widespread the problem is...

If you have a java capable browser, I ask that you go to the following page and tell me if it works for you...let me know what OS and browser you use. Please email directly to me (sdimse@bridge.net) not to the sig.

<http://www.wa4dsy.radio.org/aprs/soeast.html>

Thanks de Steve K4HG

From kc4hdk@gate.net Sat Dec 28 07:52:26 1996

Received: from osceola.gate.net (root@osceola.gate.net [199.227.0.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA28216 for <aprssig@tapr.org>; Sat, 28 Dec 1996 07:52:23 -0600 (CST)

Received: from robert-j.-dye (pslfl2-51.gate.net [199.227.20.114]) by osceola.gate.net (8.8.4/8.6.12) with ESMTP id IAA26052; Sat, 28 Dec 1996 08:52:03 -0500

Message-Id: <199612281352.IAA26052@osceola.gate.net>

Reply-To: <kc4hdk@gate.net>

From: "Bob Dye" <kc4hdk@gate.net>

To: "Bill J. Sinbine (N4XE0)" <stonehvn@gate.net>,
"Steve M Sherer" <ssherer2@juno.com>,
"saved2@juno.com (SALE)" <saved2@juno.com>,
"Matt N8RZZ Regan" <n8rzz@gate.net>, "Pat (THC)" <Snorke1001@aol.com>,
"Stacey E. Mills, (SALE) M.D." <sem2r@virginia.edu>,
"Jo M" <joseph@gate.net>, "Jim Ketring" <wireless@bellsouth.net>,
"John N4PLY Kuklinski" <n4ply@amsat.org>,
"Jack Honacher (K04XG)" <JHonacher@aol.com>,
"Richard Garcia" <n2czf@magg.net>, "Bob KC4HDK Dye" <kc4hdk@gate.net>,
"GEORGE DAWSON" <wa4owc@treco.net>, "aprs sig" <aprssig@tapr.org>,
<keps@amsat.org>

Subject: Equipment for Sale

Date: Sat, 28 Dec 1996 08:51:52 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Well here is the list. Most of this equipment was hardly ever used. I am getting out of many parts of ham radio concentrating on my UHF repeater and links to it. I will pay for shipping. Can do COD or check in advice. Please pass on this message to others that may be interested. If you are on packet please post it on the local BBS. Trying to generate revenue. Thank you for your time. People have asked if I was a smoker. No I nor anybody in my home smokes. The TS-690SAT is stock out of the factory with no extra filters. If interested will discuss other offers. Need cash. I have references to others that I have sold via e-mail/UPS and they were very happy.

Magellan Meridian GPS in good condition with Data Cable
\$150!!

MFJ VERSA TUNER V GOOD
\$250

KENWOOD	TS690	EXCELLENT, WITH INTERNAL ANT TUNER
\$1,200		

AEA	DSP-232	NEW IN BOX
\$343		

YAESU	G-5400B	EXCELLENT, WITH SEPARATOR KIT,
200' CABLE	\$456	

Bob
kc4hdk@gate.net
561.552.3114 Voice Mail

From tarship@juno.com Sat Dec 28 08:22:29 1996
Received: from m5.boston.juno.com (m5.boston.juno.com [205.231.100.197]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA29609 for <aprssig@tapr.org>; Sat, 28 Dec 1996 08:22:25 -0600 (CST)
Received: (from tarship@juno.com) by m5.boston.juno.com (queueemail) id JYW05081; Sat, 28 Dec 1996 09:21:49 EST
To: aprssig@tapr.org
Subject: street atlas 4.0s cd w/ gps-75
Message-ID: <19961228.081955.4471.9.TARSHIP@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-9
From: tarship@juno.com (GLEN A FULLER)
Date: Sat, 28 Dec 1996 09:21:49 EST

i have the delorme street atlas 4.0s and garmin 75 gps operating in nmea 0183 mode.. something does not work right.
i get acquiring satellites and then 3 min later a msg: no activity
the gps garmin 75 does work well with another program called gps-37

any ideas out there?

tarship@juno.com

al7jx glen

From rhiii@mnsinc.com Sat Dec 28 08:33:40 1996
Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA00240 for <aprssig@tapr.org>; Sat, 28 Dec 1996 08:33:39 -0600 (CST)
Received: from news2.mnsinc.com (news2.mnsinc.com [206.55.3.16]) by mail1.mnsinc.com (8.8.4/8.7.3) with ESMTP id JAA22624 for <aprssig@tapr.org>; Sat, 28 Dec 1996 09:33:38 -0500 (EST)
Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by news2.mnsinc.com (8.8.3/8.7.3) with SMTP id JAA01405 for <aprssig@tapr.org>; Sat, 28 Dec 1996 09:33:36 -0500 (EST)
From: rhiii@mnsinc.com (Richard H.)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7848] Re: 40m HF discussion
Date: Sat, 28 Dec 1996 14:30:59 GMT
Message-ID: <32c62b25.7709901@relay.mnsinc.com>
References: <32C4CDED.AAD@neosoft.com>
In-Reply-To: <32C4CDED.AAD@neosoft.com>
X-Mailer: Forte Agent .99f/16.299
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

That's the novice CW band and think they already have enough grief from broadcasters without packeteers adding to it.

de Richard/n2jr

-----=

On Sat, 28 Dec 1996 01:35:58 -0600 (CST), you wrote:

>Paul Stump wrote:

>>

>> Hi Dave, thanks for the info. Personally, I could live with a day off, once a month. Maybe we could shut down APRS that day if we know ahead when that would be. I really don't care what freq is used, so long as we can live peacefully with our brother/sister hams!

>

>

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>

>

>> Dave, can you suggest a freq? After a week of work on 7.085, I find >> lots of QRM there from time to time. I would like to propose we try >> 7.088.00 LSB as a standard freq---it seems a bit less congested. = That's

>> probably still in the RTTY band I bet?...

>>=20

>> Anyway, what do the rest of you think?

>

>Why doesn't someone try in the 7.100-7.150 range which is virtually >unused by hams?

>Yes, I know it is filled with broadcast stations, but our signals are >narrow enough not to disrupt the reception of a strong station. (like >VOA) If we use a freq. like 7.100, 7.105, etc. -one that has a strong >broadcast station, we will be protected by all further QRM. All you >need to do to see what I mean is to tune in to a strong station on AM >and push ssb to see how much more reduced it is. Then if you can switch >to a narrower mode to receive like RTTY fsk and after tuning correctly >to match the sideband the broadcast station almost disappears. You can't >even hear one with a 500hz. filter. I must warn anyone who might want to >try this to turn the AGC off if possible since the carriers of the >broadcast will drastically decrease your sensitivity even if it isn't >audible.

>

>I don't have any ideas of a specific frequency so someone else will have >to come up with that.

>

>
73, Anthony AB5QR fhickey@neosoft.com

>
>

From ku0g@sprynet.com Sat Dec 28 08:47:10 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA00651 for <aprssig@tapr.org>; Sat, 28 Dec 1996
08:47:08 -0600 (CST)
Received: from JIMDUNCA (ts2-p82.wwi.net [204.153.64.183]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id GAA10106 for <aprssig@tapr.org>; Sat, 28 Dec 1996
06:47:06 -0800
Date: Sat, 28 Dec 1996 06:47:06 -0800
Message-Id: <199612281447.GAA10106@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7853] Wiring up a cable for a GPS II and PK-12

At 07:15 12/28/96 -0600, you wrote:

>

>I purchased a Garmin Power/Data cable with bare ends. I'll wire up the
>red/black pair as a cigarette plug. How to I wire up the brown/white
>pair?
>to which pins of a 25 pin connector?

The brown wire goes to pin 2 and the white wire is left UNCONNECTED.

>Is there anyone selling printed circuit boards for a single port
>connector?

An SPM is EASY to build! Just an SPDT momentary contact switch from Radio Shack in the Pin 2 line is all it takes. If you're challenged by that let me know by return EMail (private). I may be able to help you....

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From z004391b@bcfreenet.seflin.lib.fl.us Sat Dec 28 08:49:28 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA01005 for <aprssig@tapr.org>; Sat, 28 Dec 1996 08:49:27 -0600 (CST)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id JAA07223; Sat, 28 Dec 1996 09:48:59 -0500
Date: Sat, 28 Dec 1996 09:48:59 -0500 (EST)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:7836] Re: I'm Loosing my Memory
To: aprssig@tapr.org
cc: aprssig@tapr.org

In-Reply-To: <19961227.173159.13591.1.rgervenack@juno.com>
Message-ID: <Pine.3.89.9612280920.A20237-0100000@bcfreenet>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We used to 'erase' the dirty gold contacts years ago but were then advised that the eraser did more eventual damage than the immediate cleaning from the rubbing. Try denatured alcohol on a napkin, 90 percent if you can find it. That is also the stuff (90 percent) that is suggested for cleaning tape heads of all sorts. 73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Fri, 27 Dec 1996, Robert W Gervenack wrote:

> DOES NOT THE SULPHUR IN THE RUBBER ERASER EFFECT THE METAL IN THE
> CONTACT?
> Seems to me it would be better to use a non-corrosive type cleaner.
> Gervie
> rgervenack@juno.com
>
> On Fri, 27 Dec 1996 18:45:57 -0600 (CST) MBoyce1856@aol.com writes:
> >Since all simm assemblies rely on pressure for contact, try removing
> >all
> >memory units and re-seating them. Actual contacts may be cleaned with
> >a
> >pencil erasure.
> >
> >Good Luck!
> >k0coy@amsat.org
> >mboyce1856@aol.com
> >
> >
>

From rwf@mindspring.com Sat Dec 28 09:12:16 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02359 for <aprssig@tapr.org>; Sat, 28 Dec 1996 09:12:11 -0600 (CST)
From: rwf@mindspring.com
Received: from default (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by mule0.mindspring.com (8.8.2/8.7.3) with SMTP id PAA25116 for <aprssig@tapr.org>; Sat, 28 Dec 1996 15:12:07 GMT
Message-Id: <3.0.32.19961228101157.00a70020@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sat, 28 Dec 1996 10:12:18 -0500
To: aprssig@tapr.org
Subject: HSP adapter
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

N2XDD was asking about adapter boards

I gather you mean a "HSP Adapter" (Hardware Serial Port)

I think Bob told me once that FAR Circuits was doing up a board.
It is a pretty simple circuit to breadboard, though.
I just spent the money for the PacComm one 'cause it wasn't worth my time to diddle with it.

Of course Now that I use the PicoPacket, it is built in to the Pico's hardware/software.

When you do get an HSP, do yourself a favor and make sure it is getting power- either from the laptop or the tnc or a 9v battery. It is very frustrating to try to get an unpowered circuit working- and that is the most frequent problem with HSP adapters.

73

Ralph
n4neq

From kb5wio@fia.net Sat Dec 28 09:15:00 1996
Received: from kinsey.fia.net (root@mail.fia.net [206.171.100.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02455 for <aprssig@tapr.org>; Sat, 28 Dec 1996 09:14:58 -0600 (CST)
Received: from ama-fia.fia.net (ts18p1.fia.net [207.212.0.41]) by kinsey.fia.net (8.7.3/8.6.12) with ESMTP id HAA15831; Sat, 28 Dec 1996 07:14:24 -0800 (PST)
Message-Id: <199612281514.HAA15831@kinsey.fia.net>
From: "Jimmy Burkhalter" <kb5wio@fia.net>
To: "Glen A Fuller" <tarship@juno.com>
Cc: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7856] street atlas 4.0s cd w/ gps-75
Date: Sat, 28 Dec 1996 09:15:12 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Glen,

We could use a little more info on how you have your USA Street atlas setup, like what GPS setup are you using in the GPS menu, you can try the Generic GPS setting. Let us know what setting you are using and we can help better.

Jimmy Burkhalter Amarillo, Texas
KB5WIO
kb5wio@fia.net

> From: GLEN A FULLER <tarship@juno.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:7856] street atlas 4.0s cd w/ gps-75
> Date: Saturday, December 28, 1996 8:28 AM
>
> i have the delorme street atlas 4.0s and garmin 75 gps operating in nmea
> 0183 mode.. something does not work right.
> i get acquiring satellites and then 3 min later a msg: no activity
> the gps garmin 75 does work well with another program called gps-37
>
> any ideas out there?
>
> tarship@juno.com
>
> al7jx glen
>

From eac@shore.net Sat Dec 28 09:59:21 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA04906 for <Aprssig@Tapr.Org>; Sat, 28
Dec 1996 09:59:20 -0600 (CST)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id KAA19346; Sat, 28 Dec 1996 10:59:19
-0500 (EST)
Received: from pm4-101 (pm4-101.lynnma.shore.net [204.167.109.101]) by
northshore.shore.net (8.8.3/8.8.3) with SMTP id KAA15077; Sat, 28 Dec 1996
10:59:17 -0500 (EST)
MIME-Version: 1.0
Date: Sat, 28 Dec 1996 10:59:29 -0400
To: ku0g@sprynet.com
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7858] Re: Wiring up a cable for a GPS II and PK-12
Message-Id: <851788769-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <851788769-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

Should the negative power lead also be connected to the ground pin on the
serial connector?

73 Eric eac@shore.net

From eac@shore.net Sat Dec 28 10:15:30 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA05380 for <aprssig@tapr.org>; Sat, 28 Dec 1996 10:15:28 -0600 (CST)
Received: from northshore.shore.net (root@shell11.shore.net [192.233.85.1]) by relay1.shore.net (8.8.3/8.8.3) with ESMTP id LAA21065; Sat, 28 Dec 1996 11:15:27 -0500 (EST)
Received: from pm4-101 (pm4-101.lynnma.shore.net [204.167.109.101]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id LAA17865; Sat, 28 Dec 1996 11:15:26 -0500 (EST)
MIME-Version: 1.0
Date: Sat, 28 Dec 1996 11:15:38 -0400
To: ku0g@sprynet.com
cc: aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7858] Re: Wiring up a cable for a GPS II and PK-12
Message-Id: <851789738-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <851789738-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

Yes. But in my situation I also use the GPS connected to a laptop that has no connection to the power source of the GPS.

I rather cover most of the bases so I will not later waste time later trying to figure out why the setup works in the car but not portable with the GPS using it's internal batteries.

73 Eric eac@shore.net

From sdimse@bridge.net Sat Dec 28 11:50:44 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA09844 for <aprssig@tapr.org>; Sat, 28 Dec 1996 11:50:42 -0600 (CST)
Received: from [199.174.130.19] (ad03-019.compuserve.com [199.174.130.19]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id MAA11545 for <aprssig@tapr.org>; Sat, 28 Dec 1996 12:50:35 -0500 (EST)
Message-Id: <199612281750.MAA11545@newworld.bridge.net>
Subject: AA2AC de K4HG
Date: Sat, 28 Dec 96 12:50:37 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Sorry for the bandwidth on the sig, but I don't have a direct email address.

AA2AC, if you are on the sig, or if anyone can get a message to him, the

date on his U-2000 is set to May...found this out while testing the U-2000 parsing code.

Steve K4HG

From bcdpe@innova.net Sat Dec 28 12:19:26 1996
Received: from atl1.america.net (ns2.america.net [199.170.121.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA11278 for <aprssig@tapr.org>; Sat, 28 Dec 1996 12:19:24 -0600 (CST)
Received: from rocketman.innova.net (pm4-10.innova.net [206.139.128.52]) by atl1.america.net (8.8.2/8.7.3) with SMTP id NAA06503 for <aprssig@tapr.org>; Sat, 28 Dec 1996 13:19:11 -0500 (EST)
Message-ID: <32C564CC.493A@innova.net>
Date: Sat, 28 Dec 1996 13:19:56 -0500
From: Bruce Douberley <bcdpe@innova.net>
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7853] Wiring up a cable for a GPS II and PK-12
References: <19961228.081338.8958.0.N2XDD@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ed j wilson wrote:

>
> I purchased a Garmin Power/Data cable with bare ends. I'll wire up the
> red/black pair as a cigarette plug. How to I wire up the brown/white
> pair?
> to which pins of a 25 pin connector?
>
> Is there anyone selling printed circuit boards for a single port
> connector?
>
> tnks for the bandwidth!
> 73 de N2XDD Ed

It seems a number of us need help in getting the garmins wired. This is the 3rd or 4th request for help I have made with no reply. I will look for a reply and if it comes will archive for life. Which nmea version should it be set on 183 ver 1.5 or 2? AEA says blk wire to pin 1 on pk12 bwn on pin 2. The FAQ says pin 3 and 7. HELP

Thanks,

Bruce

WB4JNE

bcdpe@innova.net

From dseaburg@web-access.net Sat Dec 28 12:25:01 1996
Received: from wb.web-access.net ([208.6.179.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA11503 for <aprssig@tapr.org>; Sat, 28 Dec 1996 12:25:00 -0600 (CST)
Received: from seab486dx4100 (ppp53.web-access.net [208.6.179.53]) by wb.web-access.net (8.7.6/8.7.3) with SMTP id MAA28020 for <aprssig@tapr.org>; Sat, 28 Dec 1996 12:26:10 -0600 (CST)

Message-ID: <32C5661A.7845@web-access.net>
Date: Sat, 28 Dec 1996 12:25:30 -0600
From: Dale Seaburg <dseaburg@web-access.net>
Reply-To: dseaburg@web-access.net
X-Mailer: Mozilla 3.0Gold (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7854] javAPRS Improvements
References: <199612281338.IAA24823@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> I have made a significant improvement in the way javAPRS handles screen
> updates, but there is a report it may not work correctly on all machines.
> I'd like to get an idea how widespread the problem is...
>
> If you have a java capable browser, I ask that you go to the following
> page and tell me if it works for you...let me know what OS and browser
> you use. Please email directly to me (sdimse@bridge.net) not to the sig.
>
> <http://www.wa4dsy.radio.org/aprs/soeast.html>
>
> Thanks de Steve K4HG

Steve,

I'm running NetScape 3.0Gold for NT. I'm running NT 4.0 final release.
I only see the grey outline with no map. I do see where the server is
updating who appears etc. PageUp or Down does nothing. I do see the
message that a Java Applet is running.

Hope this helps.

73 - Dale. KG5LT
dseaburg@web-access.net

From ve4mjm@draco.bison.mb.ca Sat Dec 28 12:40:52 1996
Received: from electra.cc.umanitoba.ca (root@electra.cc.umanitoba.ca
[130.179.16.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA12365 for
<aprssig@tapr.org>; Sat, 28 Dec 1996 12:40:50 -0600 (CST)
Received: from mira.cc.umanitoba.ca
(uucp@mira.cc.umanitoba.ca [130.179.16.8]) by
electra.cc.umanitoba.ca (8.8.4/8.8.4) with SMTP id MAA22007
for <aprssig@tapr.org>; Sat, 28 Dec 1996 12:40:42 -0600 (CST)
Received: by mira.cc.umanitoba.ca (5.x/SMI-SVR4)
id AA07313; Sat, 28 Dec 1996 12:40:39 -0600
>Received: by bison.mb.ca (Smail3.1.28.1 #14)
id m0vdfE-0010tGC; Sat, 28 Dec 96 10:44 GMT
Received: from bison by mira.cc.umanitoba.ca; Sat, 28 Dec 1996 12:40 CST
Received: by bison.mb.ca (Smail3.1.28.1 #14)

id m0vdwFE-0010tGC; Sat, 28 Dec 96 10:44 GMT
Received: by draco.bison.mb.ca id AA28942
(5.67b/IDA-1.5 for aprssig@tapr.org); Sat, 28 Dec 1996 10:29:48 -0600
Date: Sat, 28 Dec 1996 10:29:47 -0600 (CST)
From: Michael Markmann <ve4mjm@draco.bison.mb.ca>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7702] MapFix29
In-Reply-To: <199612251605.LAA18010@mh004.infi.net>
Message-Id: <Pine.LNX.3.91.961228101638.28028B-1000000@draco.bison.mb.ca>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Dec 1996, jud wrote:

>
> I just downloaded 77F today and every thing seems to work OK except I can't
> load a map using MapFix29. Works fine using MapFix28. Anyone else having
> this problem?

Unfortunately I'm to blame for the problems with MapFix29 as Bob implemented some suggestions that I sent him but I had not fully tested. The workaround for the time being is as follows:

MapFix defaults to the \APRS\MAPS\ directory as Arte has pointed out. You can change this by typing the path name in front of the file name when you load the map. MapFix will then use the new path as the default until you type a new path name. Also, a correct bug in the program (I've sent a fix to Bob) means that you can only load filenames with the .map extension and only if you leave off the .map. When things get working properly, to load a map from the \APRS\MAPS\ directory you will only need to type in the name of the map leaving off the path and the .map extension.

If you guys who pound out the maps feel that the old way was better or have any better ideas, I (and Bob) would like to hear them.

Happy New Year to all.

Michael

--

Michael Markmann VE4MJM Winnipeg, Manitoba, Canada
ve4mjm@draco.bison.mb.ca
Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

From fhickey@neosoft.com Sat Dec 28 12:49:19 1996
Received: from mailbox.neosoft.com (mailbox.neosoft.com [206.109.1.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA12801 for <aprssig@tapr.org>; Sat, 28 Dec 1996 12:49:18 -0600 (CST)
Received: from fhickey.neosoft.com (winnie-ppp-port-56.neosoft.com [206.109.10.112]) by mailbox.neosoft.com (8.8.4/8.8.3) with SMTP id MAA23567 for

<aprssig@tapr.org>; Sat, 28 Dec 1996 12:49:16 -0600 (CST)
Message-ID: <32C56C18.37ED@neosoft.com>
Date: Sat, 28 Dec 1996 12:51:04 -0600
From: Anthony Hickey <fhickey@neosoft.com>
Reply-To: fhickey@neosoft.com
X-Mailer: Mozilla 3.0Gold (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7857] Re: 40m HF discussion
References: <32c62b25.7709901@relay.mnsinc.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard H. wrote:

>
> That's the novice CW band and think they already have enough grief
> from broadcasters without packeteers adding to it.
>
> de Richard/n2jr

Yes, very true, I overlooked it. The Important point is that we MUST avoid the RTTY sub-band. If we could tuck ourselves just inside the novice sub-band like 7.100 USB then we wouldn't create too much of a problem. The novices won't try to work on the band edge. And the RTTY will stay away from the power limitations. It should be ok as long as no one needs to run over 200w.

73, Anthony AB5QR

From ne1h@tornado.ne1h.radio.org Sat Dec 28 13:10:02 1996
Received: from tornado.ne1h.radio.org (root@tornado.ne1h.radio.org [206.28.196.178]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA13883 for <aprssig@tapr.org>; Sat, 28 Dec 1996 13:10:00 -0600 (CST)
Received: from typhoon.ne1h.radio.org (typhoon.ne1h.radio.org [206.28.196.183]) by tornado.ne1h.radio.org (8.7.3/8.7.3) with SMTP id OAA02922 for <aprssig@tapr.org>; Sat, 28 Dec 1996 14:09:55 -0500
Received: by typhoon.ne1h.radio.org with Microsoft Mail id <01BBF4C8.CC6C3260@typhoon.ne1h.radio.org>; Sat, 28 Dec 1996 14:09:54 -0500
Message-ID: <01BBF4C8.CC6C3260@typhoon.ne1h.radio.org>
From: "Alan K. Adamson" <ne1h@tornado.ne1h.radio.org>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: Delorme Tripmate Q?
Date: Sat, 28 Dec 1996 14:09:52 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Anyone got a tripmate. It says on the box, that it will only work with = the delorme s/w, but I saw a posting on the newsgroups about someone = that had the docs for the gps part and said that it will respond to NMEA = strings, but you might have to send it a command then then have it = respond as opposed to just waiting for it to response on it's own. I =

might be a real inexpensive GPS if it can work, sells for less than = \$150 and included the delorme Street Atlas 4.0 S/W on CD.

Please post to group and email if you would please

Thanks,
Alan Adamson
ne1h@ne1h.radio.org
Atlanta, GA

From wbliss@coastside.net Sat Dec 28 13:41:40 1996
Received: from poseidon.coastside.net (www.coastside.net [205.162.38.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA15630 for <aprssig@tapr.org>; Sat, 28 Dec 1996 13:41:35 -0600 (CST)
Received: from LOCALNAME (tsvr17.coastside.com [205.162.38.37]) by poseidon.coastside.net (8.6.11/8.6.12) with SMTP id LAA15884; Sat, 28 Dec 1996 11:36:01 -0800
Date: Sat, 28 Dec 1996 11:36:01 -0800
Message-Id: <199612281936.LAA15884@poseidon.coastside.net>
X-Sender: wbliss@mail.coastside.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: WX report formats..
Cc: wb4apr@amsat.org

Hi SIGers,

My previous msg on weather report format.V7.7f.
Thanks Steve/K4HG for info on where I should look.
KISS for us older folks who don't see and read all the new info. WX format fully explained in WX.TXT and PROTOCOL.TXT files of the DOS Readme.Dir. Still like the old single stroke commands, all this new fancy commands confusing. KISS...Now see new Unproto path entry required, where, just plain U and type in what wanted. was so easy. Another KISS .. Sorry for the wasted info/bandwidth.

HAPPY NEW YEAR , TO all you SIGGERS & sinners.
73's & Enjoy, Bill/WB6LPG
NNNN
WBB/WB6LPG

From judlynn@norfolk.infi.net Sat Dec 28 14:13:02 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA17608 for <aprssig@tapr.org>; Sat, 28 Dec 1996 14:13:01 -0600 (CST)
Received: from pa1ldsp12.orf.infi.net by mh004.infi.net with SMTP (Infinet-S-3.3) id PAA13244; Sat, 28 Dec 1996 15:13:27 -0500 (EST)
Date: Sat, 28 Dec 1996 15:13:27 -0500 (EST)
Message-Id: <199612282013.PAA13244@mh004.infi.net>
X-Sender: judlynn@norfolk.infi.net (Unverified)

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jud <judlynn@norfolk.infi.net>
Subject: TRIPMATE

I just bought the DeLorme Tripmate. I seem to be having trouble getting data from it. I connected it directly to my laptop and put it on the Terminal page of APRS to see what data was coming through. I also tried this on other Terminal programs on the laptop and palmtop and got the same data. This is what I received:

```
$PRWIRID,12,01,05,07/29/96,0003*46
$GPRMC,235959,V,3650.9863,N,0763.1587,W,0.000,0.0,120895,10,3,W*58
$PRWIZCH,00,0,00,0,00,0,00,0,00,0,00,0,00,0,00,0,00,0,00,0*4D
ASTRAL
ASTRAL
ASTRAL
ASTRAL
etc.
```

It keeps doing ASTRAL. If I shut it off and start over it will repeat the first 3 lines and then just ASTRAL. The coordinates in the 2nd sentence are correct for my location, but that line has never changed even when I move.

Anyone have any idea what I am doing wrong? It had plenty of time to acquire satellites. I even put in my system in place of my GPS45XL, but it did not work there.
What is ASTRAL?

Any help would be greatly appreciated. 73, Jud, KE4HFX

```
))(((
)_ _
[o o]
=====000==(_)==000=====
          Jud French, KE4HFX
          judlynn@norfolk.infi.net
=====
5423 Barnhollow Rd.
Norfolk, VA 23502-3604
```

From ccdapple@wtp.net Sat Dec 28 14:37:11 1996
Received: from mailsrv1.pcy.mci.net (mailsrv1.pcy.mci.net [204.71.1.43]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA19024 for <aprssig@tapr.org>; Sat, 28 Dec 1996 14:37:09 -0600 (CST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10044) id <01IDJRBQU9LC9FNRZT@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Sat, 28 Dec 1996 15:36:39 -0500 (EST)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10044) id <01IDJRAXE1XQ9FNS50@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Sat, 28 Dec 1996 15:35:58 -0500 (EST)
Received: from wtp1-11.wtp.net by wtpprod1.wtp.net; (5.65v3.2/1.1.8.2/19Aug95-0853PM) id AA22623; Sat, 28 Dec 1996 13:35:26 -0700

Date: Sat, 28 Dec 1996 13:35:26 -0700
From: Chris Dapples <ccdapple@wtp.net>
Subject: Re: [APRSSIG:7844] Re: 10m APRS
To: APRSSig <aprssig@tapr.org>
Message-id: <9612282035.AA22623@wtpprod1.wtp.net>
MIME-version: 1.0
X-Mailer: Procomm Plus for Windows 95
Content-type: MULTIPART/MIXED; BOUNDARY="Boundary (ID 8BdNVPYozCuvVuv9jLr3pA)"

--Boundary (ID 8BdNVPYozCuvVuv9jLr3pA)
Content-type: Text/Plain; charset=US-ASCII

I'll give it a try as soon as my Butternut Multiband
gets here (ordered Fri before Xmas).
Chris / KF7KN

>From: ***@***
>Date: 12/27/96 9:13:24PM
>To: aprssig@tapr.org
>Subject: [APRSSIG:7844] Re: 10m APRS
>
>At 17:13 27-12-96 -0600, you wrote:
>>On Thu, 26 Dec 1996 18:40:19 -0600 (CST), you wrote:
>>
>>>Anyone willing to work aprs on 29.29fm @ 1200baud ?
>>>Could be something to do with your 2510/2600 Uniden
>that is getting
>>>little use.
>>>Comments
>>>
>>>kf4xh@juno.com
>>
>>
>>what tones/shift and times ??
>>
>>de Richard/n2jr
>>
>>
>+++++
>
>if you get an answer, pse let me know also, as i am
>interested also...david>
>
>
>

--Boundary (ID 8BdNVPYozCuvVuv9jLr3pA)--

From kc5ejk@onramp.net Sat Dec 28 14:50:09 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA19525 for <aprssig@tapr.org>; Sat, 28 Dec 1996

14:50:07 -0600 (CST)
Received: from [199.1.11.115] (dal08.onramp.net [199.1.11.108]) by
mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id OAA09834 for <aprssig@tapr.org>;
Sat, 28 Dec 1996 14:50:02 -0600 (CST)
Message-Id: <v03007802aeeb33e1b905@[199.1.11.115]>
In-Reply-To: <199612282013.PAA13244@mh004.infi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Dec 1996 14:50:04 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7871] TRIPMATE

One posted today
>I just bought the DeLorme Tripmate.>ASTRAL
>ASTRAL

then also today

>Anyone got a tripmate. It says on the box,

There were lots of posting about the Tripmate this month you must have
missed see the tapr mail archives

I posted Monday the Tripmate FAQ address here it is again :
<ftp://sundae.triumf.ca/pub/peter/tripmate.faq>

read that first.

If you tie pin 2 to 3, making the output go into the input
the Tripmat will self start. Then just run ground and output
to your computer. DOS, WIN, MAC APRS can read the NMEA output.

Lots of GPS/NMEA info on:

<ftp://sundae.triumf.ca/pub/peter/index.html>

The Garmin GPS45 FAQ is on:

<ftp://sundae.triumf.ca/pub/peter/gps45faq.txt>

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From mark.endicott@nashville.com Sat Dec 28 15:02:14 1996
Received: from nashville.com (ns1.nashville.com [199.78.224.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA20031 for <aprssig@tapr.org>; Sat, 28 Dec 1996
15:02:13 -0600 (CST)
Message-Id: <199612282102.PAA20031@tapr.org>
From: mark.endicott@nashville.com

Reply-To: mark.endicott@nashville.com
Subject: Re:[APRSSIG:7799] Re: SiRF GPS chipset
To: aprssig@tapr.org
X-Mailer: TSX-Online
Date: Sat, 28 Dec 96 14:51:53
Organization: The Nashville Exchange-http://WWW.NASHVILLE.COM

SIRF ADDRESS:

SiRF Technology, Inc.
107 San Zeno Way
Sunnyvale, CA 94086
(408) 737-6605
<http://www.sirf.com>

Good Luck....Mark

```
-----
|               \
|      Mark Endicott      \
|      P.O. Box 148242    \
|      Nashville, Tennessee 37214  >
|               WB0N00      /
|      mark.endicott@nashville.com  /
|-----
```

From bruninga@nadm.navy.mil Sat Dec 28 15:05:25 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA20334 for <aprssig@tapr.org>; Sat, 28
Dec 1996 15:05:24 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id QAA20199 for <aprssig@tapr.org>; Sat, 28 Dec 1996
16:10:43 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sat, 28 Dec 1996 16:10:43 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: Weather data reports
In-Reply-To: <19961227.114140.2287.1.bbbliss@juno.com>
Message-ID: <Pine.GS0.3.95.961228160842.19989B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Dec 1996, William B. Bliss wrote:

```
> Just noticed a slight difference in the data readout
> As indicated in examples below, the later versions of
> APRS , Ver77 on have dropped the Upper case letters of
> data field to lower case in most instances., aparantly after
> the Temp/Rain/p,b,h, etc....?????
>
> Where we had Txx/Rxxx/Pxxx/Bxxx/Hxxx/U2a ,
```

>
> Now see : Txx/RxxxxpxxxgoooUII and other variations,
>
> Is this change intentional, a programing error, or something
> overlooked ??????..

APRSdos REPLY/COMMENT: Yes, its thw new format to make room for wind Gusts. See the NEWNOTES.TXT that comes with each new version of APRSdos. That change was made several months ago...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Sat Dec 28 15:35:37 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA22223 for <aprssig@tapr.org>; Sat, 28 Dec 1996 15:35:36 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id QAA20575 for <aprssig@tapr.org>; Sat, 28 Dec 1996 16:40:53 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sat, 28 Dec 1996 16:40:53 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7848] Re: 40m HF discussion
In-Reply-To: <32C4CDED.AAD@neosoft.com>
Message-ID: <Pine.GS0.3.95.961228163831.19989J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Dec 1996, Anthony Hickey wrote:

> Why not try in the 7.100 to 7.150 area which is virtually
> unused by hams?
> Yes, I know it is filled with broadcast stations, but our signals are
> narrow enough not to disrupt the reception of a strong station. (like
> VOA) If we use a freq. like 7.100, 7.105, etc. -one that has a strong
> broadcast station, we will be protected by all further QRM.

APRSdos REPLY/COMMENT: This is what I was thinking too. I would rather not fight other HAMS for bandwidth. Also, I am assuming that this would be a daytime use band for short range... NOT at night. Are not the broadcasters mostly on at night only? I wouldnt mind that at all...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From kipdee@isla.net Sat Dec 28 15:53:00 1996
Received: from mail.isla.net ([206.105.101.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA23132 for <aprssig@tapr.org>; Sat, 28 Dec 1996 15:52:57 -0600 (CST)

Received: by mail.isla.net from localhost
(router,SLMAILNT V2.2); Sat, 28 Dec 1996 17:52:26 Atlantic Standard Time
Received: by mail.isla.net from kipdee
(199.0.181.229::mail daemon; unverified,SLMAILNT V2.2); Sat, 28 Dec 1996
17:52:24 Atlantic Standard Time
Message-ID: <32C595E1.7C48@isla.net>
Date: Sat, 28 Dec 1996 17:49:21 -0400
From: "Hector Cintron" <kipdee@isla.net>
Reply-To: "Hector Cintron" <kipdee@isla.net>
Organization: Island Internet Services
X-Mailer: Mozilla 3.01 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: Weather station equipment
References: <961226165529_1457409679@emout08.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Date: Thu, 26 Dec 1996 10:43:56 -0500 (EST)

>
> I'm creating a quick reference guide of all weather stations that can
> be use with APRS, price & requirements. The reason I'm doing this is

>APRSDos REPLY/COMMENT: I have a WeatherMAX unit that I am supposed to
>write the interface for, but so far no one has indicated that they have
>one of theese, so the priority keeps getting bumped to the bottom of the
>list. So add this to the list on your WEB page if it is not already
>there, but put an asterix indicating (availability TBD)

Hi Bob

Thanks for the reply. WeatherMax wasn't on the list but I Just put it
there. Do you know if they have a page on the net? Right now the only
ones I have listed are there are Davis, Peet, WeatherMax & Radio Shack.
Also just to make sure TBD is to be develope? TTYL.

\\|//
{'\0-0/'}

==oo0==()==Ooo=====

Happy Holidays & 73's de N1TKK

Hector Cintron - N1TKK
E-mail - kipdee@isla.net
skywarn@isla.net

Puerto Rico SKYWARN Homepage - <http://www.isla.net/skywarn>
Puerto Rico SKYWARN Mailing List -
<http://www.isla.net/skywarn/maillist.html>

I'm Hector Cintron from the clan Cintron, "There Can Be Only one"
@/////////|=====*

From cbuttsch@slonet.org Sat Dec 28 15:57:43 1996
Received: from oso.slonet.org (cbuttsch@oso.slonet.org [207.114.180.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA23247 for <aprssig@tapr.org>; Sat, 28
Dec 1996 15:57:42 -0600 (CST)
Received: from localhost (cbuttsch@localhost) by oso.slonet.org (8.7.6/8.7.3) with
SMTP id NAA26504 for <aprssig@tapr.org>; Sat, 28 Dec 1996 13:55:07 -0800 (PST)
Date: Sat, 28 Dec 1996 13:55:07 -0800 (PST)
From: Clifford Buttschardt <cbuttsch@slonet.org>
To: aprssig@tapr.org
Subject: Re: 30 and 40 meter monitor
In-Reply-To: <32C48EEF.4387@amsat.org>
Message-ID: <Pine.GS0.3.95.961228133558.23781I-1000000@oso.slonet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There has been a suggestion made to enter the novice portion of 40 meters
with APRS signals. At first I supported this idea but no longer! Here is
the reason why. These stations heard on 10151.5. How many more on 40 M??
28Dec 00-02 UTC: K7PW, KA5ULE, WV0T, KJ7HZ, AA5PK, N7UVH

20-21 UTC: KF0ZH, N60AA, VE3NEC, WC7R, WA8RPR, KB7LOJ, W1CDM,
K06XS, VE4GN, KD6UDC, W7FEN, KH0MP, W9VZK, K5QQ, AC6JA, KI6MP, K6KRW,
WV0T, W1TDG, KB7K0J, VE3NP, KC0CZ, W7LUS, W7JZU, WB9HBH, KB6LFM, KE3WA,
KE6NEX, W1GTT

This of course, is just two one hour samples. The packets go on
almost continually during the weekend. Do you think we have a right to
enter the novice band with such activity? The very least objectionable
solution might be to place our MARK frequency at 7100 minus 2125 Hertz
or 7097.87 KHz. We seem to have sucessfully captured the 30 meter
frequency with this idea in mind. Cliff Buttschardt K7RR

From schiers@ames.net Sat Dec 28 17:45:38 1996
Received: from brain.ames.net (root@brain.ames.net [206.29.126.98]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA28133 for <aprssig@tapr.org>; Sat, 28 Dec 1996
17:45:37 -0600 (CST)
From: schiers@ames.net
Received: from smtp.ames.net (Dschiers@nevia.net [208.145.12.2]) by brain.ames.net
(8.6.12/8.6.9) with SMTP id RAA05414 for <aprssig@tapr.org>; Sat, 28 Dec 1996
17:44:20 -0600
Message-Id: <199612282344.RAA05414@brain.ames.net>
Date: Sat, 28 Dec 96 17:43:06 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7878] Re: 30 and 40 meter monitor
In-Reply-To: <Pine.GS0.3.95.961228133558.23781I-1000000@oso.slonet.org>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

In <Pine.GS0.3.95.961228133558.23781I-1000000@oso.slonet.org>, on 12/28/96
at 04:03 PM,
Clifford Buttschardt <cbuttsch@slonet.org> said:

>These stations heard on 10151.5. How many more on 40 M??
>28Dec 00-02 UTC: K7PW, KA5ULE, WV0T, KJ7HZ, AA5PK, N7UVH
> 20-21 UTC: KF0ZH, N60AA, VE3NEC, WC7R, WA8RPR, KB7LOJ, W1CDM,
>K06XS, VE4GN, KD6UDC, W7FEN, KH0MP, W9VZK, K5QQ, AC6JA, KI6MP, K6KRW,
>WV0T, W1TDG, KB7KOJ, VE3NP, KC0CZ, W7LUS, W7JZU, WB9HBH, KB6LFM, KE3WA,
>KE6NEX, W1GTT

I'm hurt...my call didn't show up! Hmmmm...could it have been that I was
on 14.230 SSTV during that time? Boy, I can't wait until my 2nd hf rig
shows up in a week or two. Until then, on Saturday mornings from about
1500-2100 utc my hf rig is on sstv, so don't be surprised if I'm not there
during that time span +/- interesting pix. 73,

hasan schiers, N0AN

schiers@ames.net

From henglein@bihs.net Sat Dec 28 17:47:30 1996
Received: from brazos.bihs.net (brazos.bihs.net [204.96.15.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA28170 for <aprssig@tapr.org>; Sat, 28 Dec 1996
17:47:29 -0600 (CST)
Received: from henglein.bihs.net (dial2-4.bihs.net [204.96.15.51]) by
brazos.bihs.net (8.7.5/8.7.3) with SMTP id RAA03056 for <aprssig@tapr.org>; Sat,
28 Dec 1996 17:40:13 -0600 (CST)
Message-ID: <32C5CBF0.12AC@bihs.net>
Date: Sat, 28 Dec 1996 17:40:00 -0800
From: Robert Henglein <henglein@bihs.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7871] TRIPMATE
References: <199612282013.PAA13244@mh004.infi.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

jud wrote:

>
> I just bought the DeLorme Tripmate. I seem to be having trouble getting
> data from it. I connected it directly to my laptop and put it on the
> Terminal page of APRS to see what data was coming through. I also tried this

> Anyone have any idea what I am doing wrong? It had plenty of time to
> acquire satellites.

type capitol letters ASTRAL <cr> to start the Tripmate.
(<cr> is the enter key)

Henglein@bihs.net

From largriff@swta.com Sat Dec 28 18:02:46 1996

Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA28608 for <aprssig@tapr.org>; Sat, 28 Dec 1996 18:02:45 -0600 (CST)

Received: from red169.onramp.net (red169.onramp.net [206.104.118.169]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id SAA02488 for <aprssig@tapr.org>; Sat, 28 Dec 1996 18:02:44 -0600 (CST)

Received: by red169.onramp.net with Microsoft Mail
id <01BBF4E9.3A317E20@red169.onramp.net>; Sat, 28 Dec 1996 18:02:02 -0600

Message-ID: <01BBF4E9.3A317E20@red169.onramp.net>

From: Larry Griffin <largriff@swta.com>

To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: FREE CONNECTORS for Wiring Garmins to PCs

Date: Sat, 28 Dec 1996 18:01:59 -0600

Encoding: 11 TEXT

For those of you faced with wiring your Garmin GPS receiver to your PC, be sure to check out:

http://home.cdsnet.net/~purple/projects/g45contr/g45_idx.htm

Not only is there excellent information on how to wire it up, but you can order connectors for a fraction of the price Garmin charges! Well, not really free, but certainly risk free! See the webpage for detail.

Larry Griffin - not affiliated with above source... just a happy client!

From hfigueroa@juno.com Sat Dec 28 18:27:06 1996

Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA00133 for <aprssig@tapr.org>; Sat, 28 Dec 1996 18:27:04 -0600 (CST)

Received: (from hfigueroa@juno.com) by x9.boston.juno.com (queuemail)
id TB029841; Sat, 28 Dec 1996 19:26:11 EST

To: aprssig@tapr.org

Subject: Re: Rose Parade Coverage

Message-ID: <19961228.162458.14230.0.Hfigueroa@juno.com>

References: <32C45FA1.45C9@goodnet.com>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 1,4-11,13-21

From: hfigueroa@juno.com (Hector M Figueroa)

Date: Sat, 28 Dec 1996 19:26:11 EST

I am involved in running APRS for the parade, I will arrange for the parade leader to becon via the gate.

For the most part, the majority of APRS work will be pre-parade float convoys and staging. If anyone wants to see this let me know and I will make it so.

Hector M. Figueroa E-Mail Hfigueroa@juno.com

World Wide Web Page <http://www.geocities.com/CapeCanaveral/1629>

Amateur Radio Call KE6VRL

Packet KE6VRL@K6VE.#SOCA.CA.USA.NOAM

On Fri, 27 Dec 1996 17:49:59 -0600 (CST) David/Roxanne McCarthy
<davidmc@goodnet.com> writes:
>Too bad this isn't Gated so all of us could watch it on our maps.
>--
>David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ
>email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam
>Visit the family homepage: <http://www.goodnet.com/~davidmc/>
>"As for me and my house, we will serve the Lord." Jos 24:15
>
>

From sdimse@bridge.net Sat Dec 28 18:27:13 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA00153 for <aprssig@tapr.org>; Sat, 28
Dec 1996 18:27:11 -0600 (CST)
Received: from [199.174.130.19] (ad03-019.compuserve.com [199.174.130.19]) by
newworld.bridge.net (8.8.3/8.8.3) with SMTP id TAA10537 for <aprssig@tapr.org>;
Sat, 28 Dec 1996 19:27:00 -0500 (EST)
Message-Id: <199612290027.TAA10537@newworld.bridge.net>
Subject: javAPRS Test Results
Date: Sat, 28 Dec 96 19:27:03 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Thanks to all who helped me test javAPRS. The problem surfaced when I
improved the threading of the program to improve it's responsiveness and
eliminate the annoying multiple redraw when scrolling through the applet
in Netscape. The problem only surfaces in Windows NT and results in
incomplete map drawing. To give you an idea of how poorly cross-platform
Java is, here are the results:

Windows 95....11 of 12 good, one "Applet won't initialize" crash
(different bug)

Mac....3 of 3 good

OS/2 0 of 1, crashes Netscape completely

Windows NT 0 of 2

Results like these make it very hard to work in Java! I may have to go
back to the old way of handling updates.

Steve K4HG

P.S. Just as I was about to send this message I got another report from a
Mac user that showed the same bug as Netscape....arrrg!

Steve

From ku0g@sprynet.com Sat Dec 28 18:49:25 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA01343 for <aprssig@tapr.org>; Sat, 28 Dec 1996
18:49:23 -0600 (CST)
Received: from JIMDUNCA (ts2-p82.wwi.net [204.153.64.183]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id QAA08868 for <aprssig@tapr.org>; Sat, 28 Dec 1996
16:49:21 -0800
Date: Sat, 28 Dec 1996 16:49:21 -0800
Message-Id: <199612290049.QAA08868@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Space Station Mir.

Hi Siggers....

I received this today. You may wish to review it!!!!

73 de Jim, KU0G

>Date: Sat, 28 Dec 1996 12:29:34 -0500
>From: Malcolm Mallette <mallettem@trader.com>
>Reply-To: mallettem@trader.com
>To: ku0g@sprynet.com
>Subject: Space Station Mir.
>
>Dear Mr. Duncan,
>
> In order to avoid interference with the U.S. Space Shuttle, the Mir
>space station has moved to 145.800 MHz. In Indianapolis, I am having
>problems with stations off frequency from 145.800 and they appear to be
>on 145.79 .
>
>The earth has only on space station. In the interest of international
>co-operatoon, it would be appreciated if the APRS operation could be
>moved away from the MIR frequency of 145.800. I cannot believe that
>anyone would want to interfere with the Mir.
>
>Malcolm WA9BVS
>

From ku0g@sprynet.com Sat Dec 28 19:02:43 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA01821 for <aprssig@tapr.org>; Sat, 28 Dec 1996
19:02:41 -0600 (CST)
Received: from JIMDUNCA (ts2-p82.wwi.net [204.153.64.183]) by m1.sprynet.com

(8.6.12/8.6.12) with SMTP id RAA10853 for <aprssig@tapr.org>; Sat, 28 Dec 1996 17:02:39 -0800
Date: Sat, 28 Dec 1996 17:02:39 -0800
Message-Id: <199612290102.RAA10853@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: Space Station Mir.

Here is my response to the inquiry relative to MIR interference. Opinions appreciated....

>Date: Sat, 28 Dec 1996 19:01:31
>To: mallettem@trader.com
>From: Jim Duncan <ku0g@sprynet.com>
>Subject: Re: Space Station Mir.
>
>At 12:29 12/28/96 -0500, you wrote:
>> In order to avoid interference with the U.S. Space Shuttle, the Mir
>>space station has moved to 145.800 MHz. In Indianapolis, I am having
>>problems with stations off frequency from 145.800 and they appear to be
>>on 145.79 .
>
>First, I am no where near Indianapolis. I am sorry that you are having
problems in your area, however I am unable to assist you with your problems.
>
>>The earth has only one space station. In the interest of international
>>co-operation, it would be appreciated if the APRS operation could be
>>moved away from the MIR frequency of 145.800. I cannot believe that
>>anyone would want to interfere with the Mir.
>
>I certainly appreciate your concerns however, I would like to point out the
following:
>
>1) APRS has been operating on 145.79 NATIONALLY for five years
continuously. The MIR operations were moved without any prior notice or
inquiry put forth to anyone.
>
>2) Stations operating with proper FM bandwidth should NOT present a
problem of interference with operations 10 kHz away from their primary
operating frequency.
>
>3) It would seem that you have a problem in your immediate area which
should be addressed to those stations operating APRS in your vicinity rather
than to me, 500 miles away.
>
>From my point of view, while I appreciate your concern and appreciate the
presence of the MIR operations and their availability to the general amateur
populace, the move on MIR's part was made without any consideration to

potential interference to terrestrial operations on adjacent frequencies. Personally, I would hope that this matter could be resolved by rational persons working together. We have an average of 20 stations operating APRS here in the Kansas City area. We also have a goodly number of amateurs actively working MIR. We are not encountering problems here in our area with interference either way.

>

>I appreciate your concern and your opinion and wish you the best of luck in working things out in Indianapolis. If I can be of further service, please advise me, however I do not believe that I can be of much influence or assistance outside of my own area.

>

>

>>

>>Malcolm WA9BVS

>

From davidmc@goodnet.com Sat Dec 28 19:05:10 1996

Received: from goodguy.goodnet.com (goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA02102 for <aprssig@tapr.org>; Sat, 28 Dec 1996 19:05:08 -0600 (CST)

Received: from 207.98.132.226 (phx-ts16-1.goodnet.com [207.98.132.226]) by goodguy.goodnet.com (8.8.4/8.8.2) with SMTP id SAA26349 for <aprssig@tapr.org>; Sat, 28 Dec 1996 18:04:17 -0700 (MST)

Message-ID: <32C5C410.2E10@goodnet.com>

Date: Sat, 28 Dec 1996 18:06:31 -0700

From: David/Roxanne McCarthy <davidmc@goodnet.com>

X-Mailer: Mozilla 3.01 (Macintosh; I; PPC)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7882] Re: Rose Parade Coverage

References: <19961228.162458.14230.0.Hfigueroa@juno.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hector M Figueroa wrote:

>

> I am involved in running APRS for the parade, I will arrange for the

> parade leader to beacon via the gate.

> For the most part, the majority of APRS work will be pre-parade float

> convoys and staging. If anyone wants to see this let me know and I will

> make it so.

Sounds great to me. Please do.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ

email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam

Visit the family homepage: <http://www.goodnet.com/~davidmc/>

"As for me and my house, we will serve the Lord." Jos 24:15

From ku0g@sprynet.com Sat Dec 28 19:07:32 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA02245 for <aprssig@tapr.org>; Sat, 28 Dec 1996

19:07:30 -0600 (CST)

Received: from JIMDUNCA (ts2-p82.wwi.net [204.153.64.183]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id RAA11827 for <aprssig@tapr.org>; Sat, 28 Dec 1996 17:07:27 -0800

Date: Sat, 28 Dec 1996 17:07:27 -0800

Message-Id: <199612290107.RAA11827@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Jim Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:7868] Re: 40m HF discussion

At 12:51 12/28/96 -0600, you wrote:

>Yes, very true, I overlooked it. The Important point is that we MUST
>avoid the RTTY sub-band. If we could tuck ourselves just inside the
>novice sub-band like 7.100 USB then we wouldn't create too much of a
>problem. The novices won't try to work on the band edge. And the RTTY
>will stay away from the power limitations. It should be ok as long as
>no one needs to run over 200w.
>

Hold on, folks!!!!

It was pointed out to me today that Unattended Gateway operations were NOT legal on 40 meters except between 7100 and 7105 by W0XXK. We'd better take a look at Part 97 before we jump on the bandwagon for a 40 meter frequency since it appears that we may be operating these gateways in violation of Part 97. I'll do a little more research, but at this time I would recommend that 40 meter gateway operations be put on hold....

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From ku0g@sprynet.com Sat Dec 28 19:18:24 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA02922 for <aprssig@tapr.org>; Sat, 28 Dec 1996 19:18:20 -0600 (CST)

Received: from JIMDUNCA (ts2-p82.wwi.net [204.153.64.183]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id RAA13465 for <aprssig@tapr.org>; Sat, 28 Dec 1996 17:18:18 -0800

Date: Sat, 28 Dec 1996 17:18:18 -0800

Message-Id: <199612290118.RAA13465@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Jim Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:7876] Re: 40m HF discussion

At 15:38 12/28/96 -0600, you wrote:

>On Sat, 28 Dec 1996, Anthony Hickey wrote:

>

>> Why not try in the 7.100 to 7.150 area which is virtually

>> unused by hams?

>> Yes, I know it is filled with broadcast stations, but our signals are

>> narrow enough not to disrupt the reception of a strong station. (like

>> VOA) If we use a freq. like 7.100, 7.105, etc. -one that has a strong

>> broadcast station, we will be protected by all further QRM.

>

>APRSDOS REPLY/COMMENT: This is what I was thinking too. I would rather

>not fight other HAMS for bandwidth. Also, I am assuming that this would

>be a daytime use band for short range... NOT at night. Are not the

>broadcasters mostly on at night only? I wouldn't mind that at all...

My informant tells me that the 5 kHz window is FULL of auto-forwarding
BBS'es so I don't think this is a suitable idea....

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From ku0g@sprynet.com Sat Dec 28 19:24:04 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA03226 for <aprssig@tapr.org>; Sat, 28 Dec 1996
19:24:02 -0600 (CST)

Received: from JIMDUNCA (ts2-p82.wwi.net [204.153.64.183]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id RAA14414 for <aprssig@tapr.org>; Sat, 28 Dec 1996
17:23:59 -0800

Date: Sat, 28 Dec 1996 17:23:59 -0800

Message-Id: <199612290123.RAA14414@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Jim Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:7882] Re: Rose Parade Coverage

At 18:34 12/28/96 -0600, you wrote:

>I am involved in running APRS for the parade, I will arrange for the
>parade leader to becon via the gate.

>For the most part, the majority of APRS work will be pre-parade float
>convoys and staging. If anyone wants to see this let me know and I will
>make it so.

>

>Hector M. Figueroa E-Mail Hfigueroa@juno.com

>World Wide Web Page <http://www.geocities.com/CapeCanaveral/1629>

>Amateur Radio Call KE6VRL

>Packet KE6VRL@K6VE.#SOCA.CA.USA.NOAM

Hey, I'd like to see it even if it does tie up 30 Meters for a most of the mid-day! Of course, I'm probably in the minority!!!

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From sdimse@bridge.net Sat Dec 28 19:49:20 1996

Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA05299 for <aprssig@tapr.org>; Sat, 28 Dec 1996 19:49:15 -0600 (CST)

Received: from [199.174.130.19] (ad03-019.compuserve.com [199.174.130.19]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id UAA16288; Sat, 28 Dec 1996 20:49:01 -0500 (EST)

Message-Id: <199612290149.UAA16288@newworld.bridge.net>

Subject: Re: [APRSSIG:7884] Space Station Mir.

Date: Sat, 28 Dec 96 20:49:03 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris EMailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <mallettem@trader.com>, <aprssig@tapr.org>, <ku0g@sprynet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>>From: Malcolm Mallette <mallettem@trader.com>

>>Reply-To: mallettem@trader.com

>>To: ku0g@sprynet.com

>>Subject: Space Station Mir.

>>

>>Dear Mr. Duncan,

>>

>> In order to avoid interference with the U.S. Space Shuttle, the Mir
>>space station has moved to 145.800 MHz. In Indianapolis, I am having
>>problems with stations off frequency from 145.800 and they appear to be
>>on 145.79 .

>>

>>The earth has only one space station. In the interest of international
>>co-operation, it would be appreciated if the APRS operation could be
>>moved away from the MIR frequency of 145.800. I cannot believe that
>>anyone would want to interfere with the Mir.

>>

>>Malcolm WA9BVS

>>

I have worked MIR many times, as well as most of the shuttle SAREX flights. I'm also a very active in APRS, I see both sides of the issue. This has been discussed for quite a while on the AMSAT and APRS mailing lists.

Your message seems to imply that APRS intentionally interferes with MIR. This could not be further from the truth. No one owns or controls any

frequency, but the FCC regulations do give priority to QSOs already in progress, and to coordinated frequency allocations. 145.79 is coordinated in much of the US for APRS operation. Also, the international satellite band starts at 145.800. Fully half of the MIR transmissions occur outside the band allocated to satellite use. The frequency of 145.8 was chosen unilaterally without consideration for users in the US. It was a most unfortunate choice.

The question is, does the uniqueness of MIR, with 30-40 minutes a day of activity in any location worth moving literally a thousand or more 24 hr stations, that have occupied the frequency for many years?

The nationwide APRS network depends on the use of a single frequency nationwide. Except for a very few areas in the country (SF Bay being the most prominent on 145.01) this frequency is 145.79. To move APRS means finding a single frequency that is free in much of the US. Not very likely...

The leadership of AMSAT NA is working with other interested parties to try to find a mutually acceptable solution. Until then I suggest we all try to be patient and understanding.

Steve Dimse K4HG
sdimse@bridge.net
<http://www.bridge.net/~sdimse>

From n1nfc@eagnet.com Sat Dec 28 19:51:16 1996
Received: from eagnet.com (eagnet.com [199.76.206.51]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA05461 for <aprssig@tapr.org>; Sat, 28 Dec 1996 19:51:14 -0600 (CST)
Received: from bill.eagnet.com (199.76.206.86) by eagnet.com (EMWAC SMTPRS 0.81) with SMTP id <B0000130115@eagnet.com>; Sat, 28 Dec 1996 20:51:59 -0500
Message-ID: <B0000130115@eagnet.com>
Comments: Authenticated sender is <n1nfc@eagnet.com>
From: "Bill Carreira Jr." <n1nfc@eagnet.com>
To: aprssig@tapr.org
Date: Sat, 28 Dec 1996 20:50:59 -0500
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: [APRSSIG:7884] Space Station Mir.
Reply-to: n1nfc@eagnet.com
Return-receipt-to: n1nfc@eagnet.com
Priority: normal
In-reply-to: <199612290049.QAA08868@m1.sprynet.com>
X-mailer: Pegasus Mail for Win32 (v2.50)

> Date: Sat, 28 Dec 1996 18:51:32 -0600 (CST)
> Reply-to: aprssig@tapr.org
> From: Jim Duncan <ku0g@sprynet.com>
> To: aprssig@tapr.org

> Subject: [APRSSIG:7884] Space Station Mir.

> Hi Siggers....

>

> I received this today. You may wish to review it!!!!

>

> 73 de Jim, KU0G

>

>

> >Date: Sat, 28 Dec 1996 12:29:34 -0500

> >From: Malcolm Mallette <mallettem@trader.com>

> >Reply-To: mallettem@trader.com

> >To: ku0g@sprynet.com

> >Subject: Space Station Mir.

> >

> >Dear Mr. Duncan,

> >

> > In order to avoid interference with the U.S. Space Shuttle, the Mir
> >space station has moved to 145.800 MHz. In Indianapolis, I am having
> >problems with stations off frequency from 145.800 and they appear to be
> >on 145.79 .

> >

> >The earth has only on space station. In the interest of international
> >co-operatoon, it would be appreciated if the APRS operation could be
> >moved away from the MIR frequency of 145.800. I cannot believe that
> >anyone would want to interfere with the Mir.

> >

> >Malcolm WA9BVS

> >

>

>

It looks like we will have a small problem.

Well which came first the chicken or the egg?

145.790 or 145.800

What will we do??

73

Bill Carreira Jr. Email:n1nfc@eagnet.com

Kingsland, GA 31548 n1nfc@hotmail.com

Ph:912-729-5287 n1nfc@aol.com

Data:912-729-6067 AMPR:n1nfc@ampr.america.com

Pager:800-959-0740 NAVY:ETC_Carreira@trfkb-emh1.navy.mil

<http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

From N2ZRC@gnn.com Sat Dec 28 20:05:38 1996

Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA06615 for <aprssig@tapr.org>; Sat, 28 Dec 1996
20:05:36 -0600 (CST)

Received: from 33-101.client.gnn.com. (33-101.client.gnn.com [205.188.33.101])
by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7)
with SMTP id VAA09918 for <aprssig@tapr.org>;

Sat, 28 Dec 1996 21:05:02 -0500 (EST)
Message-Id: <199612290205.VAA09918@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Dec 1996 21:03:02
From: N2ZRC@gnn.com (Arte Booten)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7867] Re: MapFix29

Hi All,

On Sat, 28 Dec 1996 Michael Markmann wrote:

>MapFix defaults to the \APRS\MAPS\ directory ... You can change this by
>typing the path name in front of the file name ...

I tried that, didn't work (but I may have been trying to load a .dat,
now that I think of it.)

>... a current bug in the program means that you can only load filenames
>with the .map extension and only if you leave off the .map. When things get
>working properly, to load a map from the \APRS\MAPS\ directory you will
>only need to type the name of the map leaving off the path and the .map ex-
>tension. If you guys who pound out the maps feel that the old way was bet-
>ter or have any better ideas, I (and Bob) would like to hear them.

The idea of a "default" path is okay, but I don't think most of us put
"maps-in-progress" in the \APRS\MAPS\ directory. I use \DLG\ myself. The
default you've suggested would be fine for altering existing maps (which,
presumably, work OK as-is,) but I think the majority of MAPFIX users are us-
ing it to clean up maps that we're in the process of making.

As such, the inability to load anything NOT named *.map makes MAPFIX29
practically useless in the production of new maps. Not all of us are bles-
sed with regions in which one can select a given map center and range and
have Mk100k3 give us a nice, ready-to-go map of 3000 points or less. In my
current project I've run across forty-or-so maps out of 100+ that are over
the 3500 level, a dozen of which are over 4000 and, as I've described it to
Jack Cavanagh, there is the "Map From Hell" that, even after Task-Scrunching
to 1.5, is STILL over 5100 points!

We absolutely NEED the ability to load both *.map and *.dat files in
order to produce usable maps. That's my two-cents, and I'll be forced to
use MAPFIX28 unless these issues are addressed with a new version. 73

Mr. Arte Booten (N2ZRC @ gnn.com)
Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From gphowell@mindspring.com Sat Dec 28 20:19:59 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA07388 for <aprssig@tapr.org>; Sat, 28
Dec 1996 20:19:58 -0600 (CST)
From: gphowell@mindspring.com
Received: from MYHOSTNAME (ip172.richmond2.va.pub-ip.psi.net [38.12.24.172]) by
mule1.mindspring.com (8.8.2/8.7.3) with SMTP id CAA57196 for <aprssig@tapr.org>;
Sun, 29 Dec 1996 02:19:54 GMT
Message-Id: <199612290219.CAA57196@mule1.mindspring.com>
Date: Sun, 29 Dec 96 02:09:14 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7868] Re: 40m HF discussion
In-Reply-To: <32C56C18.37ED@neosoft.com>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.22

APRS users will not endear themselves to anyone nor end up with a viable
solution by trying to shoehorn out a frequency on 40. Infringing on the
novice CW band is not the answer, nor is plopping in the middle of the
"RTTY QRM" as someone mentioned. And there isn't what you might call a
great deal of room amongst the established packet BBS stations, most of
which having been in place for years, legality of their operations prior
to the new rules notwithstanding. Forty is full, just like the two meter
band, and even though people are STILL trying to shove in just ONE more
repeater, it doesn't work there either, and makes many people angry.
Leave forty to the folks who are already there and foreign broadcast. My
opinion, worth whatever value you assign to it. --

Geep Howell WA4RTS
gphowell@mindspring.com

From dvanhorn@cedar.net Sat Dec 28 20:31:44 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA07953 for <aprssig@tapr.org>; Sat, 28 Dec 1996
20:31:42 -0600 (CST)
Received: from hammer.stonewest.com (and-003-15.iquest.net [206.53.241.143]) by
www.cedar.net (8.6.8.1/SC05) with SMTP id CAA03984 for <aprssig@tapr.org>; Sun, 29
Dec 1996 02:30:47 GMT
Message-ID: <32C5E5A0.783@cedar.net>
Date: Sat, 28 Dec 1996 21:29:36 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: <http://www.stonewest.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7883] javAPRS Test Results
References: <199612290027.TAA10537@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Java is, here are the results:

>
> Windows 95....11 of 12 good, one "Applet won't initialize" crash
> (different bug)
>

Glad to know, once again, with the most kick-butt machine money can
buy, I'm the only one with a problem... %)

Here's to life on the bleeding edge.

From rwf@mindspring.com Sat Dec 28 21:08:39 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA09969 for <aprssig@tapr.org>; Sat, 28
Dec 1996 21:08:38 -0600 (CST)
From: rwf@mindspring.com
Received: from default (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by mule0.mindspring.com (8.8.2/8.7.3) with SMTP id DAA43098 for
<aprssig@tapr.org>; Sun, 29 Dec 1996 03:08:35 GMT
Message-Id: <3.0.32.19961228215644.0068e0d8@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sat, 28 Dec 1996 22:08:48 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7873] Re: TRIPMATE
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mr Winingham wrote:

>
>There were lots of posting about the Tripmate this month you must have
>missed see the tapr mail archives
>

How true!

With all the new folks getting on (and they seem to be showing up in
droves!), I wish there was a way that a similar message could be posted
every day automatically. Of course that would be a real pain for the rest
of us, to have to read (delete) it each time.

What about (if we EVER can find out who CONTROLS the list), after he fixes
the "reply to:" field- he adds some simple text about the archives and
WHERE TO FIND THE FAQ for all these questions.

The new folks have no way of knowing that the thing has been discussed ad
nauseum and no one knows if anyone else has answered their questions so we
all try to help.

When people send answers to questions without reading all of the incoming
mail first, they end up answering the same thing over and over along with

everyone else.

A suggestion: In Eudora, you can QUEUE outgoing mail rather than sending it when you end it. That way you can delete all the replies that are unneeded before you send them. Even then, I still screw up though.

Anyway- I'm just rambling on about some suggestions that might cut down wasted effort and duplicate answers.

That, folks, would be a #1 reason to have a newsgroup- but notice ** I am not suggesting this!!!!*** I'd rather have what we have instead of newsgroup spam!

Thanks for listening. Maybe some of these suggestions are worth something.

From sdimse@bridge.net Sat Dec 28 21:31:00 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA10806 for <aprssig@tapr.org>; Sat, 28 Dec 1996 21:30:58 -0600 (CST)
Received: from [199.174.130.19] (ad03-019.compuserve.com [199.174.130.19]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id WAA23267 for <aprssig@tapr.org>; Sat, 28 Dec 1996 22:30:46 -0500 (EST)
Message-Id: <199612290330.WAA23267@newworld.bridge.net>
Subject: Re: [APRSSIG:7894] Re: javAPRS Test Results
Date: Sat, 28 Dec 96 22:30:49 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Glad to know, once again, with the most kick-butt machine money can
>buy, I'm the only one with a problem... %)
>
>Here's to life on the bleeding edge.

I was going to mail back to you. Does it always do this? Have you tried going to some non-APRS page, clearing the cache, then going to a javAPRS page?

Steve

From saltair@islc.net Sat Dec 28 21:43:42 1996
Received: from server.islc.net (root@[207.53.107.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA11481 for <aprssig@tapr.org>; Sat, 28 Dec 1996 21:43:38 -0600 (CST)
Received: from saltair.hargray.com (p53.islc.net [207.53.107.53]) by server.islc.net (8.8.3/8.7.3) with ESMTP id WAA27757 for <aprssig@tapr.org>; Sat, 28 Dec 1996 22:32:05 -0500 (EST)
Message-Id: <199612290332.WAA27757@server.islc.net>
From: "george salinas" <saltair@islc.net>
To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:7893] Re: 40m HF discussion
Date: Sat, 28 Dec 1996 22:36:41 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1157
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I agree!

Any short term gains made would creat turf wars of gigantic proportions.

73 George KD4FJ.

saltair@islc.net

> From: gphowell@mindspring.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:7893] Re: 40m HF discussion
> Date: Saturday, December 28, 1996 9:21 PM
>
> APRS users will not endear themselves to anyone nor end up with a viable
> solution by trying to shoehorn out a frequency on 40. Infringing on the
> novice CW band is not the answer, nor is plopping in the middle of the
> "RTTY QRM" as someone mentioned. And there isn't what you might call a
> great deal of room amongst the established packet BBS stations, most of
> which having been in place for years, legality of their operations prior
> to the new rules notwithstanding. Forty is full, just like the two meter
> band, and even though people are STILL trying to shove in just ONE more
> repeater, it doesn't work there either, and makes many people angry.
> Leave forty to the folks who are already there and foreign broadcast. My
> opinion, worth whatever value you assign to it. --
> -----
> Geep Howell WA4RTS
> gphowell@mindspring.com
> -----
>

From dvanhorn@cedar.net Sat Dec 28 22:26:01 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA13698 for <aprssig@tapr.org>; Sat, 28 Dec 1996
22:26:00 -0600 (CST)
Received: from hammer.stonewest.com (and-003-15.iquest.net [206.53.241.143]) by
www.cedar.net (8.6.8.1/SC05) with SMTP id EAA04307 for <aprssig@tapr.org>; Sun, 29
Dec 1996 04:25:05 GMT
Message-ID: <32C60069.6B84@cedar.net>
Date: Sat, 28 Dec 1996 23:23:53 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: http://www.stonewest.com
X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7896] Re: javAPRS Test Results
References: <199612290330.WAA23267@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I was going to mail back to you. Does it always do this? Have you tried
> going to some non-APRS page, clearing the cache, then going to a javAPRS
> page?
>
> Steve

Hated to blow away 50 meg of cache, but it's different now...

I get the grey rectangle, and NO messages of any kind.

Did you take it off-line?

From dvanhorn@cedar.net Sat Dec 28 22:28:05 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA13799 for <aprssig@tapr.org>; Sat, 28 Dec 1996
22:28:04 -0600 (CST)
Received: from hammer.stonewest.com (and-003-15.iquest.net [206.53.241.143]) by
www.cedar.net (8.6.8.1/SC05) with SMTP id EAA04311 for <aprssig@tapr.org>; Sun, 29
Dec 1996 04:27:09 GMT
Message-ID: <32C600E6.7903@cedar.net>
Date: Sat, 28 Dec 1996 23:25:58 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: <http://www.stonewest.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7896] Re: javAPRS Test Results
References: <199612290330.WAA23267@newworld.bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I was going to mail back to you. Does it always do this? Have you tried
> going to some non-APRS page, clearing the cache, then going to a javAPRS
> page?
>
> Steve

Sorry, bum report..

"Applet can't start: error: java.lang.NoClassDefFoundError"

No class huh. I think I'm insulted ;)

From sdimse@bridge.net Sat Dec 28 22:40:35 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA14321 for <aprssig@tapr.org>; Sat, 28 Dec 1996 22:40:31 -0600 (CST)
Received: from [199.174.130.19] (ad03-019.compuserve.com [199.174.130.19]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id XAA28026; Sat, 28 Dec 1996 23:40:21 -0500 (EST)
Message-Id: <199612290440.XAA28026@newworld.bridge.net>
Subject: Re: [APRSSIG:7884] Space Station Mir.
Date: Sat, 28 Dec 96 23:40:23 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <mallettem@trader.com>
cc: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Actually, I did not say that the interference is deliberate.

>

I said you "seem to imply" it...there is a difference.

>If a choice had to be made, the Mir is obvious. There is only one space
>station. Moving its frequency may be possible, or may not. If the rig
>is xtal controlled, a change may not be possible at all, unless new
>ximals can be field installed. The cost of placing a new radio in orbit
>would be very high, in fuel alone.

>

The choice is obvious to you, not to me or the thousand other hams who use APRS.

The radio is a commercial synthesized rig. Many APRS digis, however, are converted commercial radios which do use crystals. The cost to move APRS would be far higher!

>APRS has is of limited use. It can be installed in a car with a gps to
>track the car if stolen, but that use is of doubtful legality under the
>amateur regulations. I am state communications chairman for a
>non-government agency administering a nationwide system of disaster
>relief fnd APRS, unlike many amateur technology, has no function in a
>disaster.

1. Clearly you are anti-APRS, there is not much point in my trying to convince you, but

2. What about SKYWARN weather reporting, the Olympic Torch Run, Rose Parade, Army-Navy football run, Marine Corps Marathon in DC, and many local events...I have personally participated in a half dozen in two years where APRS was extremely useful. How much public service has MIR provided in the last 2 years?

3. Who said public service is the judge of this anyway?

>If there is a possibilty a mobile unit may become lost, we could give
>the unit a \$200 GPS and let him report in his position from time to time

>on his voice radio. That has not been necessary in Indiana and I do not
>expect it to be necessary. APRS has been used on ATV balloons, but the
>output of the APRS is best for that function if it is not on a standard
>APRS frequency, as the APRS signal is generally lost before the balloon
>hits the ground. The final location has to be by DF, and when listening
>for a weak signal, it is best if other stations are not on the
>frequency!

>

What's more susceptible to errors, voice reports and manual plotting of
position or digital comm and computer plotting? What's faster? Why bother
with the GPS and radio, just give them a sextant and let them send their
posit with smoke signals!

>Tying up a frequency that causes a problem for the Mir with constant
>beacons of the position of stations in the ?network? makes no sense.

>

Again, to you. I recently took a cross country trip in my van, heavily
outfitted with radio equipment. With the APRS network, my mother in
California, and my YL in Florida were able to see where I was and that I
was OK. Any by the way, a system that can track a mobile from one end of
the country to the other is a network, not a ?network?! Finally, does
this cause a problem to MIR? Or is it just causing a problem to you?

>It is possible to tie DF operation into APRS, but here most of the DF
>ers are not on packet, and, in any event, a doppler DF unit can be tied
>to a GPS and to a notebook computer with maps for the ultimate in fox
>location.

>

Excuse me, but APRS does this already, I use the Aguello DF Jr. with
MacAPRS...plots bearings directly on the screen. Get several of us
together, and we can use APRS to plot each others bearings on screen, and
find an unknown signal a lot quicker. True enough, most DF'er aren't on
APRS...but most DF'ers don't talk to MIR either.

>APRS is a solution looking for a problem. If something occurs such that
>APRS will be usefull, that is the time to start operating. Just tying
>up a frequency to no purpose, as our local APRS digipeater does, is
>nonsense.

>

And what about all those packet BBS's that ping FORSALE messages around?
And all the thousands of repeaters that carry nothing but innane
conversations? Or all the hams trying to connect to a tiny TNC on MIR so
they can get a little piece of paper that says they did it. Face it, very
little in ham radio is relevant. We do it for fun. Along the way, we
accumulate some skills that we occasionally use for the public good, to
repay in a small way the spectrum we are given.

Before you start telling me the stories about how important ham radio is
to MIR, the family phone calls, the school contacts, etc. let me point
out these activities occur on unpublished frequencies other than 145.800.

Our play is important though, because it gives us the incentive to build
our networks, maintain our repeaters, hone our skills, so when we _are_

needed, we are ready.

>If I went to a KW on 2 and blanked the APRS digi by calling the MIR 24
>hours a day, when it is not even in range, all the APRS operators would
>be very mad. Yet they put out beacons of no use, 24 hours a day, and
>interfere with the Mir, when most, if not all, of them are not at their
>rigs and the "data" they transmit will not be seen, or read, by anyone.
>

None of use are using kilowatts. We are on 145.79, where we have been for many years, with low power digis, doing something we find enjoyable. Our beacons are of use to us, to the National Weather Service, and at special events, to others.

How would you feel if you had a traffic net, passing important messages like "Hi Jack, at the fair there is a ham radio booth and they send messages for free. Call you soon, love Jill". You'd done this net for years, it was your major source of enjoyment in ham radio, you had lots of friends there, and a couple of times you had even passed some important traffic. Suddenly a rare DX station decides he will listen on a frequency 10 khz away for a half hour a day. All of a sudden, a bunch of DXers demand that you move your net somewhere else because their DX is more important than your "meaningless" traffic, and the strong signals from your net make it hard to hear the weak DX.

That is a far more realistic analogy than yours...even then it would be easier to move a traffic net than the APRS net.

Finally, as I said, AMSAT NA is not pleased with the MIR frequency and is working to change it. I would again recommend tolerance and patience.

Steve K4HG
sdimse@bridge.net

From joefoor@digitalexp.com Sat Dec 28 22:50:04 1996
Received: from mail.digitalexp.com (backup.digitalexp.com [204.49.137.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA14822 for <aprssig@tapr.org>; Sat, 28 Dec 1996 22:50:02 -0600 (CST)
Received: from joefoor ([204.49.137.119]) by mail.digitalexp.com (post.office MTA v1.9.3b evaluation license) with SMTP id AAA114 for <aprssig@tapr.org>; Sat, 28 Dec 1996 22:51:10 -0600
Message-ID: <32C3CFAA.4F34@digitalexp.com>
Date: Fri, 27 Dec 1996 07:31:23 -0600
From: joefoor@digitalexp.com (Foor, Joe)
Reply-To: joefoor@digitalexp.com
X-Mailer: Mozilla 3.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: Weather Station Compatability
References: <B0000126880@eagnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Carreira Jr. wrote:

> I am curious to find out what weather stations are compatible with
> APRS?

One tidbit you may not notice in the APRSdos documents... If you are
looking at a U-500 WX station, the amount of rain will not be
displayed.

regards,
Joe kf4dys

From joefooor@digitalexp.com Sat Dec 28 22:50:14 1996
Received: from mail.digitalexp.com (backup.digitalexp.com [204.49.137.17]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA14840 for <aprssig@tapr.org>; Sat, 28
Dec 1996 22:50:13 -0600 (CST)
Received: from joefooor ([204.49.137.119]) by mail.digitalexp.com
(post.office MTA v1.9.3b evaluation license) with SMTP id AAA116
for <aprssig@tapr.org>; Sat, 28 Dec 1996 22:51:22 -0600
Message-ID: <32C5C773.4440@digitalexp.com>
Date: Sat, 28 Dec 1996 19:20:51 -0600
From: joefooor@digitalexp.com (Foor, Joe)
Reply-To: joefooor@digitalexp.com
X-Mailer: Mozilla 3.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: Weather Station Compatability
References: <19961227015618970.AAA117@rbost.itexas.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roy Bost wrote:

>
> WinAprs is compatiabile with at least the following (they're listed in the
> setup menu):
> Peet Bros. Ultimeter-2
> Peet Bros. U-2000
> Heathkit 5001
> Davis Instruments
> The new Peet Bros. U-500 will probably work but don't quote me on that.

WinAPRS doesn't display the data from a remote U-500 yet.

regards,
Joe kf4dys

From eac@shore.net Sat Dec 28 23:04:25 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA15724 for <Aprssig@Tapr.Org>; Sat, 28
Dec 1996 23:04:23 -0600 (CST)
Received: from northshore.shore.net (root@shell11.shore.net [192.233.85.1]) by
relay1.shore.net (8.8.3/8.8.3) with ESMTP id AAA10948; Sun, 29 Dec 1996 00:04:21
-0500 (EST)

Received: from pm2-75 (pm2-75.lynnma.shore.net [204.167.109.75]) by northshore.shore.net (8.8.3/8.8.3) with SMTP id AAA00342; Sun, 29 Dec 1996 00:04:19 -0500 (EST)
MIME-Version: 1.0
Date: Sun, 29 Dec 1996 00:04:32 -0400
To: ne1h@tornado.ne1h.radio.org
cc: Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: [APRSSIG:7869] Delorme Tripmate Q?
Message-Id: <851835872-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <851835872-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

My Delorme Tripmate GPS FAQ is now visible on Peter Bennett's Web page. It is in the "Street Atlas and AutoMap Interface Programs" sections. The URL is:

<ftp://sundae.triumf.ca/pub/peter/index.html>

and my thanks to Peter Bennett for posting it.

Input is welcome as this is my first faq file and there are still alot of gaps.

73 Eric eac@shore.net WB1HBU

From quarry@q.continuum.net Sat Dec 28 23:07:32 1996
Received: from q.continuum.net (q.continuum.net [199.0.52.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA15789 for <aprssig@tapr.org>; Sat, 28 Dec 1996 23:07:30 -0600 (CST)
Received: from cd-5.continuum.net (cd-5.continuum.net [199.0.52.54]) by q.continuum.net (8.6.12/8.6.12) with SMTP id AAA22213 for <aprssig@tapr.org>; Sun, 29 Dec 1996 00:16:06 -0500
Date: 29 Dec 96 00:07:10 -0500
Subject: Re: Weather Station Compatability
From: "Chip Griffin" <quarry@q.continuum.net>
To: aprssig@tapr.org
X-Mailer: Cyberdog/1.1
Message-Id: <AEEB66BB-71E61@199.0.52.54>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>> Only at sea level!

>

>With the barometric pressure at 29.92....:)

I think you guys are overthinking this whole situation. Let me make an example, at work (at a electric generation station) we us various instruments for measuring parameters. People frequently use a digital

thermometer which is calibrated to, and displays, the tenth of a degree. When applied to measure bulk temperature of a room it is false accuracy to report the temperature to the tenth of a degree. My point is that while it is good to attempt to have a reasonable degree of accuracy, it is not reasonable to try to calibrate and report temperature to any high degree of alleged accuracy, this isn't rocket science anyway.

--

Chip Griffin - Technical Advisor to the Thames River Apple Users Group
<mailto:quarry@q.continuum.net> <<http://q.continuum.net/~quarry/>>

From sdimse@bridge.net Sat Dec 28 23:37:33 1996
Received: from newworld.bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA17744 for <aprssig@tapr.org>; Sat, 28 Dec 1996 23:37:32 -0600 (CST)
Received: from [199.174.130.19] (ad03-019.compuserve.com [199.174.130.19]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id AAA02223 for <aprssig@tapr.org>; Sun, 29 Dec 1996 00:37:22 -0500 (EST)
Message-Id: <199612290537.AAA02223@newworld.bridge.net>
Subject: Re: [APRSSIG:7898] Re: javAPRS Test Results
Date: Sun, 29 Dec 96 00:37:24 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Hated to blow away 50 meg of cache, but it's different now...

>

>I get the grey rectangle, and NO messages of any kind.

>

>Did you take it off-line?

>

No, that's the bug I've been trying to isolate...very strange one...

Thanks, sorry abt your cache...it'll grow back!

Steve

From cn2859@coastalnet.com Sat Dec 28 23:46:50 1996
Received: from abaco.coastalnet.com (abaco.coastalnet.com [204.183.40.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA19215 for <aprssig@tapr.org>; Sat, 28 Dec 1996 23:46:48 -0600 (CST)
Received: from default (pm-wsh1-56.coastalnet.com [205.245.121.56]) by abaco.coastalnet.com (8.6.12/8.6.12) with SMTP id AAA07382 for <aprssig@tapr.org>; Sun, 29 Dec 1996 00:45:59 -0500
Message-Id: <1.5.4.32.19961229054645.00677984@abaco.coastalnet.com>
X-Sender: cn2859@abaco.coastalnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Dec 1996 00:46:45 -0500
To: aprssig@tapr.org
From: "David Michael Gaytko ***@*** WD4KPD/FM15mm/NC" <cn2859@coastalnet.com>
Subject: Re: [BitBucket] aprs 29.29fm

At 17:23 27-12-96 -0800, you wrote:

>David Michael Gaytko ***@*** WD4KPD/FM15mm/NC wrote:

>>

>> interested, but my reply to you returned.....

>

>FM packet on any ten meter freq is illegal under Part 97...

>Thought you may wish to know...

>

>73

>Chris

>WB5ITT

>

>F3 is only allowed from 29.0-29.7..Packet is not F3 (FM voice)...F2 (FM

>CW) was only recently made legal (rprr CW IDs on 10 were technically

>illegal because of this but not anymore!)

>>

>> -----

>> Submissions: bitbucket@primenet.com

>> Administrative requests: majordomo@primenet.com

>> WWW: http://www.primenet.com/~ke7gh

>> Questions: owner-bitbucket@primenet.com

>

====+-----+
+-----+

recieved this in response to 29.29fm/aprs.....food for thought, any lawyers
out there?

david>

>

>

From ku0g@sprynet.com Sun Dec 29 00:53:16 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id AAA01388 for <aprssig@tapr.org>; Sun, 29 Dec 1996
00:53:14 -0600 (CST)

Received: from JIMDUNCA (ts2-p82.wwi.net [204.153.64.183]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id WAA03909 for <aprssig@tapr.org>; Sat, 28 Dec 1996
22:53:12 -0800

Date: Sat, 28 Dec 1996 22:53:12 -0800

Message-Id: <199612290653.WAA03909@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Jim Duncan <ku0g@sprynet.com>

Subject: Updated Kansas City area DOS map...

If anybody would like to have an up-to-date MOKCity.map for their own devious purposes, please let me know by PRIVATE EMail and I'll EMail you the map file post haste!!!

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From kc5ejk@onramp.net Sun Dec 29 01:35:23 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA05978 for <aprssig@tapr.org>; Sun, 29 Dec 1996 01:35:21 -0600 (CST)
Received: from [199.1.11.107] (dal07.onramp.net [199.1.11.107]) by mailhost.onramp.net (8.7.3/8.6.5) with ESMTP id BAA26408; Sun, 29 Dec 1996 01:35:13 -0600 (CST)
Message-Id: <v03007800aeebbe0d5c2f@[199.1.11.115]>
In-Reply-To: <199612290049.QAA08868@m1.sprynet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Dec 1996 01:35:15 -0600
To: aprssig@tapr.org
From: Robert Winingham <kc5ejk@onramp.net>
Subject: Re: [APRSSIG:7884] Space Station Mir.
Cc: mallettem@trader.com

>> In order to avoid interference with the U.S. Space Shuttle, the Mir
>>space station has moved to 145.800 MHz. In Indianapolis, I am having
>>problems with stations off frequency from 145.800 and they appear to be
>>on 145.79 .

This has been talked about for weeks on the AMSAT sig.

I don't think the APRS stations are off frequency.

Some stations may have their packet deviation set larger than 3Khz and should be informed if that is true.

Don't forget the VOICE downlink frequency (The one we listen on) is 145.200 right between repeater output frequency of 145.190 and 145.210 That make is hard to copy the Mir voice with a radio.

I don't have a problem receiving the Mir packet on 145.800 Only at the very end of a pass when the doppler is 145.796 Mhz, do I start to see a few APRS stations but by then Mir is too weak for me to copy.

A 5 to 15 Khz move up by the Mir (off the band plan edge) would help.

The Mir has a 70 CM radio that now is used as a repeater.

The Mir 145.200/145.800 was a bit of a surprise to most US Hams and to add more confusion the Mir crew decided to swap the published uplink and downlink voice frequencies.

>In order to avoid interference with the U.S. Space Shuttle, the Mir >space station has moved to 145.800 MHz.

That is not the big reason why they moved the frequency. (See Amsat SIG)

Last I read there is lots of work being done to allow a different Mir frequency.

APRS is one of the fastest growing area of Ham radio and it's a bit too late to make many changes. (APRS might be the only growing area of HAM radio , I don't know ??) We will see after P3D goes up :-)

We do need to work together.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From ve4mjm@draco.bison.mb.ca Sun Dec 29 01:50:30 1996
Received: from electra.cc.umanitoba.ca (root@electra.cc.umanitoba.ca [130.179.16.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA06838 for <aprssig@tapr.org>; Sun, 29 Dec 1996 01:50:28 -0600 (CST)
Received: from mira.cc.umanitoba.ca (uucp@mira.cc.umanitoba.ca [130.179.16.8]) by electra.cc.umanitoba.ca (8.8.4/8.8.4) with SMTP id BAA27527 for <aprssig@tapr.org>; Sun, 29 Dec 1996 01:50:28 -0600 (CST)
Received: by mira.cc.umanitoba.ca (5.x/SMI-SVR4) id AA13831; Sun, 29 Dec 1996 01:50:24 -0600
>Received: by bison.mb.ca (Smail3.1.28.1 #14) id m0ve8Q7-0010tGC; Sat, 28 Dec 96 23:44 GMT
Received: from bison by mira.cc.umanitoba.ca; Sun, 29 Dec 1996 01:50 CST
Received: by bison.mb.ca (Smail3.1.28.1 #14) id m0ve8Q7-0010tGC; Sat, 28 Dec 96 23:44 GMT
Received: by draco.bison.mb.ca id AA06937 (5.67b/IDA-1.5 for aprssig@tapr.org); Sat, 28 Dec 1996 23:41:09 -0600
Date: Sat, 28 Dec 1996 23:41:08 -0600 (CST)
From: Michael Markmann <ve4mjm@draco.bison.mb.ca>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7892] Re: MapFix29
In-Reply-To: <199612290205.VAA09918@mail-e2b.gnn.com>
Message-Id: <Pine.LNX.3.91.961228233159.6649A-100000@draco.bison.mb.ca>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Dec 1996, Arte Booten wrote:

> The idea of a "default" path is okay, but I don't think most of us put
> "maps-in-progress" in the \APRS\MAPS\ directory. I use \DLG\ myself. The
> default you've suggested would be fine for altering existing maps (which,
> presumably, work OK as-is,) but I think the majority of MAPFIX users are us-
> ing it to clean up maps that we're in the process of making.

>

My reason for suggesting the change in the first place was that Bob has placed the MapFix program in the \APRS directory but the program would look for maps in the current directory (\APRS) meaning that one would need to add a path to work on _any_ map unless of course the program was moved or copied to the directory needed. I guess it might be better to go back to the way it was.

> As such, the inability to load anything NOT named *.map makes MAPFIX29
> practically useless in the production of new maps. Not all of us are bles-
[snip]

> We absolutely NEED the ability to load both *.map and *.dat files in
> order to produce usable maps. That's my two-cents, and I'll be forced to

It was not my intention in suggesting the changes to Bob that the file extension be forced to .MAP. This was an unfortunate bug that was introduced into the program and I've sent Bob a message with a fix. I freely take the blame for this one.

Michael

--

Michael Markmann VE4MJM Winnipeg, Manitoba, Canada

ve4mjm@draco.bison.mb.ca

Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

From kbourne@earthlink.net Sun Dec 29 03:05:18 1996

Received: from armenia.it.earthlink.net (armenia-c.it.earthlink.net [204.250.46.106]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA10164 for <aprssig@tapr.org>; Sun, 29 Dec 1996 03:05:17 -0600 (CST)

Received: from LOCALNAME (max5-gg-ca-43.earthlink.net [206.149.208.93]) by armenia.it.earthlink.net (8.7.5/8.7.3) with SMTP id BAA16476 for <aprssig@tapr.org>; Sun, 29 Dec 1996 01:05:13 -0800 (PST)

Message-Id: <199612290905.BAA16476@armenia.it.earthlink.net>

Comments: Authenticated sender is <kbourne@mail.earthlink.net>

From: "Ken Bourne W6HK" <kbourne@earthlink.net>

To: aprssig@tapr.org

Date: Sun, 29 Dec 1996 01:04:52 +0000

Subject: APRS on 29.29 MHz FM

Reply-to: kbourne@earthlink.net

Priority: normal

X-mailer: Pegasus Mail for Windows (v2.42a)

In response to several recent postings, it would NOT be legal to run APRS (or any packet, for that matter) on the "wideband" FM (5 kHz deviation) portion of 10 meters (29.0-29.7 MHz), in accordance with

Part 97.305(c) of the FCC Rules. In other words, forget about running APRS on 29.29 MHz FM.

The only portion of 10 meters where packet (including APRS) is legal is 28.0 to 28.3 MHz, and NOT in the FM mode.

Perhaps this would be a good time to petition the FCC for a Rule change.

73,
Ken Bourne, W6HK

From djv@gte.net Sun Dec 29 07:48:52 1996
Received: from smtp.gte.net (mail1.gte.net [206.124.65.236]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA18073 for <aprssig@tapr.org>; Sun, 29 Dec 1996 07:48:51 -0600 (CST)
Received: from djv.gte.net (Cust43.Max16.Washington.DC.MS.UU.NET [153.34.56.171]) by smtp.gte.net (SMI-8.6/) via SMTP id HAA27850 for <aprssig@tapr.org>; Sun, 29 Dec 1996 07:48:48 -0600
Message-ID: <32C6769E.36E8@gte.net>
Date: Sun, 29 Dec 1996 08:48:14 -0500
From: Daniel Velez <djv@gte.net>
Reply-To: djv@gte.net
Organization: <http://home1.gte.net/djv/index.htm>
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7892] Re: MapFix29
References: <199612290205.VAA09918@mail-e2b.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:

>
> Hi All,
>
> On Sat, 28 Dec 1996 Michael Markmann wrote:
>
> >MapFix defaults to the \APRS\MAPS\ directory ... You can change this by
> >typing the path name in front of the file name ...
>
> I tried that, didn't work (but I may have been trying to load a .dat,
> now that I think of it.)
<SNIP>

If another revision to MAPFIX is coming, how about looking at the use of the mouse when drawing. MAPFIX seems to put in two or three points with one mouse click (even my bestest, fastest click hehehe). Can this be tweaked or is it something I am doing???

--
Dan

|||||
Daniel Velez djv@gte.net
http://home1.gte.net/djv/index.htm
n4wzr@wd4miz.va.usa.noam
|||||

From rhiii@mnsinc.com Sun Dec 29 08:07:36 1996
Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA18623 for <aprssig@tapr.org>; Sun, 29 Dec 1996
08:07:34 -0600 (CST)
Received: from news2.mnsinc.com (news2.mnsinc.com [206.55.3.16]) by
mail1.mnsinc.com (8.8.4/8.7.3) with ESMTP id JAA28265 for <aprssig@tapr.org>; Sun,
29 Dec 1996 09:07:33 -0500 (EST)
Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by
news2.mnsinc.com (8.8.3/8.7.3) with SMTP id JAA05858 for <aprssig@tapr.org>; Sun,
29 Dec 1996 09:07:32 -0500 (EST)
From: rhiii@mnsinc.com (Richard H.)
To: aprssig@tapr.org
Subject: Re: APRS on 29.29 MHz FM
Date: Sun, 29 Dec 1996 14:07:14 GMT
Message-ID: <32cc73a1.25994609@relay.mnsinc.com>
References: <199612290905.BAA16476@armenia.it.earthlink.net>
In-Reply-To: <199612290905.BAA16476@armenia.it.earthlink.net>
X-Mailer: Forte Agent .99f/16.299
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

A Rule Change indeed ! Now that the solar cycle in beginning it's
upturn, more folks will have renewed interest in 10m -- most didn't
have packet tnc's the last time around. One way or another, 10M FM
will happen.

de Richard/n2j1r

-----=
-----=
On Sun, 29 Dec 1996 03:06:17 -0600 (CST), you wrote:

>In response to several recent postings, it would NOT be legal to run
>APRS (or any packet, for that matter) on the "wideband" FM (5 kHz
>deviation) portion of 10 meters (29.0-29.7 MHz), in accordance with
>Part 97.305(c) of the FCC Rules. In other words, forget about=20
>running APRS on 29.29 MHz FM.
>
>The only portion of 10 meters where packet (including APRS) is legal=20
>is 28.0 to 28.3 MHz, and NOT in the FM mode.
>
>Perhaps this would be a good time to petition the FCC for a Rule=20
>change.
>
>73,
>Ken Bourne, W6HK
>

>

From kevenm@valtek.com Sun Dec 29 09:12:45 1996
Received: from wia.net (firewall-user@gatekeeper1.wia.net [205.162.179.13]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA21183 for <aprssig@tapr.org>; Sun, 29 Dec 1996 09:12:44 -0600 (CST)
Received: by wia.net; id JAA28251; Sun, 29 Dec 1996 09:46:29 -0700
Received: from unknown(172.16.10.1) by gate1.wia.net via smap (g3.0.3)
id xma028249; Sun, 29 Dec 96 09:46:27 -0700
Received: from valtek by snowbird (SMI-8.6/SMI-SVR4)
id IAA18159; Sun, 29 Dec 1996 08:12:16 -0700
Received: by valtek (4.1/SMI-4.1)
id AA22339; Sun, 29 Dec 96 08:14:09 MST
From: kevenm@valtek.com (Keven Miller)
Message-Id: <9612291514.AA22339@valtek>
Subject: Re: HERC and cga
To: aprssig@tapr.org (APRSSIG)
Date: Sun, 29 Dec 1996 08:14:09 -0700 (MST)
X-Mailer: ELM [version 2.4 PL23]
Content-Type: text

I found SIMCGA and HGCIBM on Compuserve CIS in
IBMSPECIAL filename of ATENA.ARC. It was 137K.
I could pass it on to interested parties.

--

Keven Miller KC7LYD
kevenm@valtek.com (Springville, Utah, USA)
kevenm@juno.com (Orem, Utah, USA)

From steves68@mindspring.com Sun Dec 29 09:57:52 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24321 for <aprssig@tapr.org>; Sun, 29 Dec 1996 09:57:50 -0600 (CST)
Received: from sps43068.nando.net (user-37kb9a1.dialup.mindspring.com [207.69.165.85])
by mule1.mindspring.com (8.8.2/8.8.4) with SMTP
id PAA15906 for <aprssig@tapr.org>; Sun, 29 Dec 1996 15:57:47 GMT
Message-ID: <32C694E7.6A1E@mindspring.com>
Date: Sun, 29 Dec 1996 10:57:27 -0500
From: Steven Stark <steves68@mindspring.com>
Reply-To: steves68@mindspring.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: APRSSIG <aprssig@tapr.org>
Subject: APRS NEWSGROUP
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has there ever been a "rec.radio.amateur.aprs" newsgroup?

--

X-Signature: AKA

Steve Stark/N4Y0G (steves68@mindspring.com)

..

From wd4mtv@w8dc.ampr.org Sun Dec 29 10:43:03 1996
Received: from w8dc.ampr.org (w8dc.ampr.org [44.102.128.21]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA25848 for <aprssig@tapr.org>; Sun, 29 Dec 1996
10:43:00 -0600 (CST)
From: wd4mtv@w8dc.ampr.org
Date: Sun, 29 Dec 96 10:41:21 EST
Message-Id: <182452@w8dc.ampr.org>
To: aprssig@tapr.org
Subject: Which GPS
X-BBS-Msg-Type: B

Which GPS unit is recommended for getting started in aprs activities.
Primarily base located but will use mobile as well. Recommendations
much appreciated. Please email via internet at kjave@iserv.net

From n1nfc@eagnet.com Sun Dec 29 13:40:19 1996
Received: from eagnet.com (eagnet.com [199.76.206.51]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA03933; Sun, 29 Dec 1996 13:40:17 -0600 (CST)
Received: from bill.eagnet.com (199.76.206.75) by eagnet.com
(EMWAC SMTPRS 0.81) with SMTP id <B0000130828@eagnet.com>;
Sun, 29 Dec 1996 14:41:07 -0500
Message-ID: <B0000130828@eagnet.com>
Comments: Authenticated sender is <n1nfc@eagnet.com>
From: "Bill Carreira Jr." <n1nfc@eagnet.com>
To: aprssig@tapr.org
Date: Sun, 29 Dec 1996 14:40:14 -0500
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Southeast USA Maps
Reply-to: n1nfc@eagnet.com
CC: aprs-fl@tapr.org
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.50)

Is there a source for DOS maps for southeast USA.
Looking for Florida, Georgia mostly. I live on the extreme southeast
corner of Georgia and was looking for some other maps.

73 de

Bill Carreira Jr. Email: n1nfc@eagnet.com
Kingsland, GA 31548 n1nfc@hotmail.com
Ph: 912-729-5287 n1nfc@aol.com
Data: 912-729-6067 AMPR: n1nfc@ampr.america.com
Pager: 800-959-0740 NAVY: ETC_Carreira@trfkb-emh1.navy.mil
<http://www.eagnet.com/edipage/user/n1nfc/n1nfc.htm>

From N2ZRC@gnn.com Sun Dec 29 13:55:18 1996

Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA04671 for <aprssig@tapr.org>; Sun, 29 Dec 1996 13:55:16 -0600 (CST)

Received: from 66-88.client.gnn.com. (66-239.client.gnn.com [205.188.66.239]) by mail-e2b.gnn.com (8.7.6/8.7.3/GNN-1.0.7) with SMTP id OAA24488 for <aprssig@tapr.org>; Sun, 29 Dec 1996 14:54:37 -0500 (EST)

Message-Id: <199612291954.OAA24488@mail-e2b.gnn.com>

X-Mailer: GNNmessenger 1.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 29 Dec 1996 14:52:54

From: N2ZRC@gnn.com (Arte Booten)

To: aprssig@tapr.org

Subject: Re: APRS on 29.29 MHz FM

Hi All,

On Sun, 29 Dec 1996 Ken Bourne W6HK suggested:

>Perhaps this would be a good time to petition the FCC for a Rule change.

WHOA! As has been said here on the SIG many times in many situations, it might be best to let the sleeping dragon sleep. Given the tenuous relationship that currently exists between The Amateur Radio Service and the gu'mint (read: Spectrum Auction ... Deficit Reduction ... MONEY [which we, as members of that service, don't give to said gu'mint]), I'd be hesitant to do so. Let's try the 10M waters as the bandplan and regs currently allow before we go asking for more. 73

Mr. Arte Booten (N2ZRC @ gnn.com)

Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

From mwalker@interlog.com Sun Dec 29 14:12:40 1996

Received: from smtp.interlog.com (root@smtp.interlog.com [198.53.145.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA05792 for <aprssig@tapr.org>; Sun, 29 Dec 1996 14:12:39 -0600 (CST)

Received: from mwalker.interlog.com (mwalker.interlog.com [199.212.152.131]) by smtp.interlog.com (8.8.3/8.7.6) with SMTP id PAA22385 for <aprssig@tapr.org>; Sun, 29 Dec 1996 15:11:39 -0500 (EST)

Message-Id: <1.5.4.32.19961229191046.0067633c@mail.interlog.com>

X-Sender: mwalker@mail.interlog.com

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 29 Dec 1996 15:10:46 -0400

To: aprssig@tapr.org

From: Mike Walker <mwalker@interlog.com>

Subject: cyclades y0 card with winaprs

I am using win95 with a cyclades (8Y0) 8 port (1 irq) card. I can't seem to access any ports from it when I attempt to test winaprs. I attempt to open com 6 and I get unable to access com6.

Has anyone been using multifunction i/o cards with any success.

Thanks...mike

Mike Walker

Corbeil Contest Club

VA3MW

From kb6lfm@ix.netcom.com Sun Dec 29 14:43:36 1996

Received: from dfw-ix10.ix.netcom.com (dfw-ix10.ix.netcom.com [206.214.98.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA07518 for <aprssig@tapr.org>; Sun, 29 Dec 1996 14:43:35 -0600 (CST)

Received: from -kb6lfm (ala-ca12-23.ix.netcom.com [199.35.209.215]) by dfw-ix10.ix.netcom.com (8.6.13/8.6.12) with SMTP id MAA07844 for <aprssig@tapr.org>; Sun, 29 Dec 1996 12:43:02 -0800

Message-ID: <32C6D7CF.3D7C@ix.netcom.com>

Date: Sun, 29 Dec 1996 12:42:55 -0800

From: kb6lfm <kb6lfm@ix.netcom.com>

Reply-To: kb6lfm@ix.netcom.com

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: HF band issues

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Personally, I would like to here more from experienced HF operators and less from individuals who don't have HF privileges regarding "HF band allocations & use".

"Experience IS the best teacher"

73 de Bill/LFM

APRS Gateway Stn. for the West Coast

From wa4ikq@nevets.oau.org Sun Dec 29 14:53:45 1996

Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA08243 for <aprssig@tapr.org>; Sun, 29 Dec 1996 14:53:44 -0600 (CST)

Received: by osceola.cs.ucf.edu (SMI-8.6/SMI-SVR4)

id PAA08165; Sun, 29 Dec 1996 15:53:22 -0500

Received: by alfred.oau.org (Smail-3.2 1996-Jul-4 #1)

id <m0ve02S-0002avC@alfred.oau.org>; Sun, 29 Dec 1996 11:24:40 -0500 (EST)

Received: by nevets.oau.org (Smail3.1.29.1 #2)

id m0veMAb-000Qe2C; Sun, 29 Dec 96 09:24 EST

Message-Id: <m0veMAb-000Qe2C@nevets.oau.org>
Date: Sun, 29 Dec 96 09:24 EST
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprssig@tapr.org
Subject: MIR Doppler Shift & Receiver Bandwidth
Content-Type: text

I have found the discussion and criticism of APRS and MIR/AMSAT amateurs quite informative. Has the discussion of bandwidth and frequency deviation been reviewed from the viewpoint of MIR doppler shift into our frequency, and what kind of bandwidth filtering is being used by MIR receivers? Could they be seeing 145.79 +285 with their dial set to 145.800 because their receiver bandwidth is too wide? It appears the discussion has been one way so far.

Geoffrey Dick, wa4ikq@nevets.oau.org

From rsellers@rockford.com Sun Dec 29 15:50:11 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA11026 for <aprssig@tapr.org>; Sun, 29 Dec 1996 15:50:07 -0600 (CST)
X-ROUTED: Sun, 29 Dec 1996 15:50:10 -0500
Received: from rsellers [206.230.91.24] by rockford.com with smtp id APDBDGEA ; Sun, 29 Dec 1996 15:49:54 -0500
Message-Id: <3.0.32.19961229154729.006d90a4@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 29 Dec 1996 15:47:31 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7918] cyclades y0 card with winaprs
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:30 PM 12/29/96 -0500, you wrote:

>
>I am using win95 with a cyclades (8Y0) 8 port (1 irq) card. I can't seem to
>access any ports from it when I attempt to test winaprs. I attempt to open
>com 6 and I get unable to access com6.
>
>Has anyone been using multifunction i/o cards with any success.
>
>Thanks...mike
>*****
>Mike Walker Corbeil Contest Club
>VA3MW
>

Hi Mike,

I'm using a card that gives me com1 to com4. For some reason I can't get Windows 95 to "like" com3. So I have my modem on com1, mouse on com2, and KPC3 TNC on com4. Had to find IRQ's that didn't conflict. But once that was done, all is well here. I wish I could get com3 to work though.

73,

Roger Sellers KB9LBU
email: Home: rsellers@rockford.com
KB9LBU@juno.com
Work: rsellers@snds.com

From rsellers@rockford.com Sun Dec 29 16:01:29 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id QAA11258 for <aprssig@tapr.org>; Sun, 29 Dec 1996 16:01:25 -0600 (CST)
X-ROUTED: Sun, 29 Dec 1996 16:01:28 -0500
Received: from rsellers [206.230.91.24] by rockford.com with smtp
id BAABAHDL ; Sun, 29 Dec 1996 16:01:06 -0500
Message-Id: <3.0.32.19961229155842.006dac98@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 29 Dec 1996 15:58:44 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7837] Re: MCX Connector
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:29 PM 12/27/96 -0500, you wrote:

>
>On Fri, 27 Dec 1996, Mark Fellhauer wrote:
>
>> I know we've covered this before, but I wasn't paying attention, because it
>> didn't apply to me.
>>
>> For Christmas I received the Trimble GPS antenna offered by PacComm. I
>> need to find an MCX to BNC adaptor, as I don't want to cut the plug off the
>> cable. In the future, I plan to buy the GPS-20 engine, but for now I'd
>> like to use the antenna with my Magellan Trailblazer XL.
>>
>> Can someone please post a source for these adaptors again?

How about checking Hamfests for the connectors?

I found an SMB to SMA, and an SMA to BNC at on from a guy selling microwave
components. Cost was about \$10.00. This was cheaper than ordering, since
most places want a minimum \$\$ on the order plus shipping. It would have
cost me \$30-40 for the same parts to order.

73,

Roger Sellers KB9LBU
email: rsellers@rockford.com

Roger Sellers KB9LBU

email: Home: rsellers@rockford.com
KB9LBU@juno.com
Work: rsellers@snds.com

From kbourne@earthlink.net Sun Dec 29 16:12:31 1996
Received: from germany.it.earthlink.net (germany-c.it.earthlink.net [204.250.46.123]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA11984 for <aprssig@tapr.org>; Sun, 29 Dec 1996 16:12:29 -0600 (CST)
Received: from LOCALNAME (Cust67.Max14.Los-Angeles.CA.MS.UU.NET [153.34.77.67]) by germany.it.earthlink.net (8.7.5/8.7.3) with SMTP id OAA15567 for <aprssig@tapr.org>; Sun, 29 Dec 1996 14:12:21 -0800 (PST)
Message-Id: <199612292212.OAA15567@germany.it.earthlink.net>
Comments: Authenticated sender is <kbourne@mail.earthlink.net>
From: "Ken Bourne W6HK" <kbourne@earthlink.net>
To: aprssig@tapr.org
Date: Sun, 29 Dec 1996 14:11:53 +0000
Subject: Re: [APRSSIG:7917] Re: APRS on 29.29 MHz FM
Reply-to: kbourne@earthlink.net
Priority: normal
X-mailer: Pegasus Mail for Windows (v2.42a)

Au contraire!

On Sun, 29 Dec 1996, Arte Booten, N2ZRC, wrote: 14:00:02 -0600 (CST)

> WHOA! As has been said here on the SIG many times in many situations,
> it might be best to let the sleeping dragon sleep. Given the tenuous rela-
> tionship that currently exists between The Amateur Radio Service and the
> gu'mint (read: Spectrum Auction ... Deficit Reduction ... MONEY [which we,
> as members of that service, don't give to said gu'mint]), I'd be hesitant to
> do so. Let's try the 10M waters as the bandplan and regs currently allow
> before we go asking for more. 73

Just because the FCC decided to auction off a part of the 2.4-GHz ham band doesn't mean we should not petition the Commission for what we want on other bands. Furthermore, if we petition for expanded privileges on 10 meters, the FCC will notice that we are making use of that spectrum. If we roll over and play dead, the Commission will assume we ARE dead, and will give (or auction) the band to another service. We won't get what we want unless we ASK for it! I suggest, again, that we petition the FCC for a Rule change, permitting packet (including APRS) in the FM mode above 29.0 MHz. The FCC has historically responded positively to petitions that were well planned, stating precisely what is needed and what the beneficial results would be.

73,
Ken Bourne, W6HK

From z004391b@bcfreenet.seflin.lib.fl.us Sun Dec 29 17:25:01 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA15801 for

<aprssid@tapr.org>; Sun, 29 Dec 1996 17:24:59 -0600 (CST)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id SAA12637; Sun, 29 Dec 1996 18:24:29 -0500
Date: Sun, 29 Dec 1996 18:24:29 -0500 (EST)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:7916] Southeast USA Maps
To: "Bill Carreira Jr." <n1nfc@eagnet.com>
cc: aprssid@tapr.org
In-Reply-To: <B0000130828@eagnet.com>
Message-ID: <Pine.3.89.9612291840.D23431-01000000@bcfreenet>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I got a bunch of Florida maps from the TAPR site, all bundled in a zip file.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

From psc@seidata.com Sun Dec 29 17:32:20 1996
Received: from seidata.com (ns1.seidata.com [206.160.242.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA16159 for <aprssid@tapr.org>; Sun, 29 Dec 1996
17:32:19 -0600 (CST)
From: psc@seidata.com
Received: from S.E.I. (mhill-3.seidata.com [208.10.208.23]) by seidata.com
(8.7.4/8.7.3) with SMTP id SAA08266 for <aprssid@tapr.org>; Sun, 29 Dec 1996
18:32:29 -0500 (EST)
Date: Sun, 29 Dec 96 18:29:22 PST
Subject: Indiana/Ohio/Ky maps?
To: aprssid@tapr.org
X-Mailer: Chameleon V0.05, TCP/IP for Windows, NetManage Inc.
Message-ID: <Chameleon.961229183153.psc@S.E.I. Data.seidata.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone have a detailed map for the In/Oh/Ky area (near Cincinnati)?

Lee Kissell
8 Meyerfield Place
Lawrenceburg, In. 47025
812-537-3579 Voice & Fax

E-mail psc@seidata.com
WWW <http://www.seidata.com/~psc>

Amateur KB90BE EN79 147.285, 146.805, 146.880, 146.520

Date: 12/29/96

end of mail

From staft@ix.netcom.com Sun Dec 29 17:40:15 1996
Received: from dfw-ix1.ix.netcom.com (dfw-ix1.ix.netcom.com [206.214.98.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA16603 for <aprssig@tapr.org>; Sun, 29 Dec 1996 17:40:13 -0600 (CST)
Received: from nina (atl-ga18-14.ix.netcom.com [204.32.174.206]) by dfw-ix1.ix.netcom.com (8.6.13/8.6.12) with ESMTP id PAA21997 for <aprssig@tapr.org>; Sun, 29 Dec 1996 15:39:41 -0800
Message-Id: <199612292339.PAA21997@dfw-ix1.ix.netcom.com>
From: "Steven E. Taft" <staft@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Thoughts on Garmin GPS-38
Date: Sun, 29 Dec 1996 18:40:14 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The wife gave me a GPS-38 for Christmas. While using it this weekend, I did notice that it seemed to have problems maintaining contact with the satellites while I was just walking in relatively open wooded areas. Is this normal? Would the GPS-\$), which is priced \$50 higher be any better?

I do plan on using the unit in conjunction with APRS as well as general outdoor activities. Comments would be appreciated.

tnx,
Steve Taft
KA1WX

From rwf@mindspring.com Sun Dec 29 17:59:08 1996
Received: from mule0.mindspring.com (mule0.mindspring.com [204.180.128.166]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA17466 for <aprssig@tapr.org>; Sun, 29 Dec 1996 17:59:06 -0600 (CST)
From: rwf@mindspring.com
Received: from default (user-168-121-44-154.dialup.mindspring.com [168.121.44.154])
by mule0.mindspring.com (8.8.2/8.8.4) with SMTP
id SAA21158 for <aprssig@tapr.org>; Sun, 29 Dec 1996 18:59:04 -0500
Message-Id: <3.0.32.19961229185920.00bd5448@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Sun, 29 Dec 1996 18:59:24 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7916] Southeast USA Maps
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bill wrote:
>Is there a source for DOS maps for southeast USA.
>Looking for Florida, Georgia mostly. I live on the extreme southeast
>corner of Georgia and was looking for some other maps.

I haven't plugged my APRS Home Page in awhile, so I will (since you are in my area). I have made many maps- check the Atlanta APRS Home Page at:

<http://www.mindspring.com/~rwf>

By the way- It was the first APRS Home Page on the WWW, as far as I know.

I did all of GA in 2,000,000:1 and a lot of it in 100,000:1

There were some of Central FL that I got from a local in Orlando that I bundled and have on the site too, and I think I put them on TAPR as well. The file was called CENTFLA.ZIP.

If you need street level maps for your area I can make them too.

We have quite a network up this way, need to get some digis going between your area and mine

Ralph Fowler, N4NEQ , S.E.R.A. Amateur Television Technical Advisor

Atlanta, GA USA

Internet Email: rwf@mindspring.com

Pager Email: [7647836@skytel.com](tel:7647836)

<http://www.mindspring.com/~rwf> for APRS, ATV, Balloon, and Repeater info

My hobby is tracking Vehicles and other things using Ham Radio and APRS.

Ask me how!

From ne1h@tornado.ne1h.radio.org Sun Dec 29 18:10:35 1996

Received: from tornado.ne1h.radio.org (root@tornado.ne1h.radio.org [206.28.196.178]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA18098 for <aprssig@tapr.org>; Sun, 29 Dec 1996 18:10:32 -0600 (CST)

Received: from typhoon.ne1h.radio.org (typhoon.ne1h.radio.org [206.28.196.183]) by tornado.ne1h.radio.org (8.7.3/8.7.3) with SMTP id TAA03722 for <aprssig@tapr.org>; Sun, 29 Dec 1996 19:10:26 -0500

Received: by typhoon.ne1h.radio.org with Microsoft Mail

id <01BBF5BB.E695FF60@typhoon.ne1h.radio.org>; Sun, 29 Dec 1996 19:10:05 -0500

Message-ID: <01BBF5BB.E695FF60@typhoon.ne1h.radio.org>

From: "Alan K. Adamson" <ne1h@tornado.ne1h.radio.org>

To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: Tripmate Q for those who have one.

Date: Sun, 29 Dec 1996 19:10:04 -0500

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

So, I got a tripmate today, downloaded the time/date fix and ran it, but = it didn't do anything to so me that it did anything, just said it was = upgraded, I would have expected a little bar showing progress etc. = Anyone have any way to verify that the patch was made???

Thanks,

Alan
ne1h@ne1h.radio.org

From ku0g@sprynet.com Sun Dec 29 18:20:25 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA18659 for <aprssig@tapr.org>; Sun, 29 Dec 1996
18:20:23 -0600 (CST)
Received: from JIMDUNCA (ts2-p82.wwi.net [204.153.64.183]) by m1.sprynet.com
(8.6.12/8.6.12) with SMTP id QAA11755 for <aprssig@tapr.org>; Sun, 29 Dec 1996
16:20:20 -0800
Date: Sun, 29 Dec 1996 16:20:20 -0800
Message-Id: <199612300020.QAA11755@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:7926] Thoughts on Garmin GPS-38

At 17:48 12/29/96 -0600, you wrote:

>The wife gave me a GPS-38 for Christmas. While using it this weekend, I
>did notice that it seemed to have problems maintaining contact with the
>satellites while I was just walking in relatively open wooded areas. Is
>this normal? Would the GPS-\$), which is priced \$50 higher be any better?
>
>I do plan on using the unit in conjunction with APRS as well as general
>outdoor activities. Comments would be appreciated.

The GPS-45 has an external antenna is is a little better receiver for
walk-about. The -38 has an internal antenna and often doesn't get as good a
look at the sky as the -45....

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From billk@inland.net Sun Dec 29 18:57:19 1996
Received: from ns1.inland.net (root@ns1.inland.net [207.155.59.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA20546 for <aprssig@tapr.org>; Sun, 29 Dec 1996
18:57:17 -0600 (CST)
Received: from bills-computer (pm1-89.inland.net [207.155.59.89]) by
ns1.inland.net (8.6.12/8.6.12) with SMTP id QAA05825 for <aprssig@tapr.org>; Sun,
29 Dec 1996 16:47:49 -0800
Date: Sun, 29 Dec 1996 16:47:49 -0800
Message-Id: <199612300047.QAA05825@ns1.inland.net>
From: Bill Kearns <billk@inland.net>
X-Priority: Normal
Content-Type: text/plain
To: aprssig@tapr.org
Subject: TripMate & KPC-3 WORKING!!

X-Mailer: Pronto Mail [ver 3.04 (1006)]
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

Dear Siggers,

After several frustrating weekends, my friend Mike Burton and I have finally managed to get the TripMate GPS unit to work perfectly with the Kantronics KPC-3. We spent a considerable amount of time and effort on this so we documented everything and have prepared a little manual. I believe with this information, almost any tnc can be prepared for use with the TripMate. Special thanks to some of those on the SIG who took the time to respond to my e-mail and help out with their suggestions.

KANTRONICS KPC-3 AND TRIPMATE GPS INTERFACE

The following represents the efforts of WB6JAR and N6KZB, with input from WK5M, to interface the Tripmate to the Kantronics KPC-3. We found that it worked better than anticipated in satellite acquisition and direction of travel. Despite some of the help offered via the APRS SIG group, the following is the ONLY set up that worked with our units.

PIN OUT CONFIGURATION

Tripmate	KPC-3
pins 2&3 tied together--then both connect to---	pin 2
pin 5 connects to---	pin 7
pin 4 connects to---	pin 6

MODIFICATIONS TO KPC-3

Install a 4.7 K resistor at position R-48 to make DSR active, (see parts layout for location of R48). It is at the rear, on the board, between the DB9 and DB25 connectors.

KPC-3 COMMANDS

Refer to KPC-3 manual and Command Summary sheets for GPS version 6.0 firmware.

Abaud 4800

INTface TERMINAL, (not NEWUSER mode)

MYcall to callsign-9, (or your desired ssid)

BText is set as needed

BLt 1 through 4 to desired beacon interval in seconds

GPShead 1 through 4, must be changed to \$GPRMC

GPSInit needs not to be set, (since pins 2&3 on Tripmate are tied)

LT 1 through 4 gets filled with GPS info so leave blank

LTP 1 through 4 gets set to your local area agreed upon digi paths

LTRack left to factory default

PMode left to factory default

RPrint left to factory default

12.29.96/billk@inland.net/burton@firecom.com

```

Bill Kearns    billk@inland.net      /\ /\  /\ /\
                                     / ^ \   |
                                   / ____ \  |__
                                / ~~~~ \   |**|
                               // (^  ^)\\  |( )| WB6JAR
                              ///(Q  Q)\\  |__|
-----ooo--()---ooo-----o000--(_)---000o-----

```

From jpcirone@warwick.net Sun Dec 29 19:00:16 1996
Received: from host (host.warwick.net [204.255.24.254]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA20649 for <aprssig@tapr.org>; Sun, 29 Dec 1996
19:00:14 -0600 (CST)
From: jpcirone@warwick.net
Received: from w263-07.warwick.net by host; (5.65v3.0/1.1.8.2/14Nov95-0310PM)
id AA13086; Sun, 29 Dec 1996 20:01:41 -0500
Message-Id: <9612300101.AA13086@host>
Comments: Authenticated sender is <u1003267@host.warwick.net>
To: aprssig@tapr.org
Date: Sun, 29 Dec 1996 19:58:18 +0000
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT
Subject: Tripmate/APRS Question
Priority: normal
X-Mailer: Pegasus Mail for Win32 (v2.42a)

Based on all of the "rave" reviews people on this SUG gave it, plus the fact that someone put out notice that CompUSA was giving the units 20% off (THANK YOU for that info), and the fact that I read that the next WinAPRS version will somehow interface with Tripmate - I rushed out last nite and bought the only remaining one on the shelf in CompUSA near here. I works great - MUCH better than my Magellon handheld unit I paid \$399 for this past Summer.

The question I have is that since I'm new to APRS - will the new version use the Street Atlas 4.0 as the APRS maps (would be great if it is true) and APRS software will provide the interface to display APRS icons/data on the maps? (I know nothing about how that all works - I'm a PTT HF radio/PK232MBX type guy).

Does it mean that in order to run APRS and tripmate, I need 2 com ports on my notebook - one for the tripmate GPS and the other for the TNC?

Anyone in Northern NJ who can help me learn about APRS?? Any groups or people meet in Northern NJ or Orange/Rockland County of NY?

Hope someone can provide answers - because I have the questions and desire to get up on APRS ASAP.

From "w7lus@worldnet.att.net"@worldnet.att.net Sun Dec 29 19:16:43 1996
Received: from mtigwc02.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA21239 for <aprssig@tapr.org>; Sun, 29 Dec 1996 19:16:40 -0600 (CST)
Received: from worldnet.worldnet.att.net ([207.147.169.208])
by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613)
with SMTP id AAA4236 for <aprssig@tapr.org>;
Mon, 30 Dec 1996 01:16:05 +0000
Date: Sun, 29 Dec 1996 20:13:02 -0500
From: "Peter A. Gross" <"w7lus@worldnet.att.net"@worldnet.att.net>
Reply-To: "w7lus@worldnet.att.net"@worldnet.att.net
X-Mailer: Mozilla 3.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Season Greetings de W7LUS
Content-Type: text/plain; charset=us-ascii; name="Mail"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="Mail"
Message-ID: <19961230011603.AAA4236@worldnet.worldnet.att.net>

Hello to all the Aprs users!

Once again I must explain to many that when I receive your 1 liners while passing through your area or even those that send to me on hf, I don't intentionally ignore your messages. Please understand that when I am "on duty" I am at the wheel. The computer is behind me where I can't see it. I know that wb4apr has made function keys to allow easier replies, however I rather keep my eye on the road and concentrate on DEFENSIVE driving, hi! I am sure you all can realize that it does, in fact, take much more concentration to wheel around 75 feet of what feels like pure lead! I do try to get back to many on hf but usually those on vhf are to far behind me. Many times I'll sit behind the wheel for some 5 hours without any stops, if I can help it. I do appreciate all the messages and attention that I get crossing back and forth and to all corners of the country.

Clay, aa3jy, I have tried what seems like a thousand times to get back an ack from you but never have. I know your way down a vhf path which is kinda inconvient to setup for short periods of usage.

I have had some wonderful visits from many out there. Everytime I pull into Amarillo there is usually Maury, w5ugo (might have messed up his call, anyway the father of the Sproul brothers, our WinAprs authors, etc). Maury and his wife Betty have met me more than once. Sometime I haven't even shut down the truck after parking and there will be Maury or Jimmy, kd5wio at my door. Maury and Betty have taken me into there home for wonderful home cooked meals, a warm quiet bed and usage of the washing facilities! And even after staying with them they have left an open ivitation anytime I can take the time. I might add here that Betty

is one proud mother of her "boys" Mark and Keith...did you all know that they are identical twins and are married to identical twins and live just a few miles apart? Keith and Mark, you guys have some wonderful parents that YOU all can be proud of, but I know you "boys" already know that.

A special thanks to Lloyd, kb0mmq, and his wife in Denver, CO for there hospitality. They picked me up and brought me to one of there favorite resturants. I hope to get back there as much as possible and try more of that menu. Lloyd lives in a townhouse and has to have a hidden antenna that has to be in doors. I see you often Lloyd but I guess that noise level makes it tough for you sometimes to hear me especially when I try to send some one liners back to you.

I am terribly sorry but I can't pull the callsigns outa my head of those in Austin, TX. But I had a most delious mexican meal there. The atmosphere was like being in the heart of Mexico but the price wasn't, hi! I think a call was w5rkn....I am really sri guys...I am not seeing you 2 enough to burn your calls in my head...I'll make it up to you all and your wives I promise!

And what happened to Gerry n9vhw, I think now N9GD, the gateway in the Chicago area? He once picked me up at Rosemont Conv. Center and we went to eat then he took me to a grocery store...he seems to be a really great person, I enjoyed him very much. No doubt he is heavy into Aprs. I left him some messages while waiting to load within 10 miles of him a couple of weeks ago but he has never responded. Is he ok?

There are several others that I have the pleasure to meet or just chew the rag on vhf. This part of ham radio has really made my job a pleasure. I never realized how many are watching me or just keeping up with me on Aprs. Esecially those that are on vhf. There are a few spots where the vhf networks don't have a gateway. If I realize it I will then enable my gateway. Sorry ke4eer! The networks are really growing fast. It looks like Oklahoma City has finally joined us. When on the west coast I notice a growth every visit. I also notice that the n.e. network and the s.e. network are very close to closing in on one another. I think, as noted on Aprs, we do need somemore freqs. Thirty meters just doesn't have what it takes to consistently link the east and west coasts of the country.

Wait til you see my next truck. The plan is hopefully to order a new Peterbuilt or maybe a Kenworth in the next 6 months. The sleeper will be 12 to 14 feet long. It'll be equiped to be totally self sufficient like a camper. Even with a 30amp power cord hookup. Yep, a shower, toilet, 2 burner cook top, convection microwave, apartment size frid and freezer, in motion sateelite tv, build in central vacuum, 7.5 kw diesel gen, settee, and even a telephone between the sleeper and the driver! Plus some other goodies. If you haven't seen what I have now go into the FL Aprsers home page at n2czf and at the very bottom you'll find 3 gifs of my truck. That truck cost me \$83,000 the new one I expect will be about twice, \$160,000. But that is my home which includes rent and utilities. I have been long out of room...I am longing for that big sleeper. It'll

all set on about a 320 to 330 inch wheel base tractor. I am on 228" now with ba 72" sleeper.

I work for North American Van Lines in the High Value Products Division which haul electronics and tradeshow. I am in the "exhibits" group. I sometimes may sit for a day or so at a convention center waiting my turn. I am also given extra time on the road to make my destinations on time and legally. I also get payed very very well for waiting and assuming these responsibilities unlike most truckers you all come across everyday. I am proud to say that among the experienced truckers we are considered the "elite"! If any of you would like to know more about the trucking field just invite me to a darn good hot meal and I'll spill my guts and bent your ears for sure, hi hi!

I am using the Yaesu FT 900AT on HF and have a Kenwood TM733A that is in the shop for the second time for the same symptom. The last time it was a broken solder joint that only allowed about 1 and 1/2 watts output. I guess Kenwood can't stand the punishment of the truck. So I just received from Santa a Yaesu FT8500 with the big "potatoe head" mic! Yaesu claims to be military spec'd...will see about that. Neat rig though, I think I am going really enjoy this one. The Tnc is a Kam+ with the Aea hsp tied to a Megellan DLX5000. Just got a new laptop a few months ago and really love it too! It is an AST pent 130 Ascentia A Series, with 16meg ram, 1.2 gig hd, touch mouse and 4x cd. The vhf antenna I forget but it is 5/8 wave mounted on the right mirror. On hf is the High Serria which I just moved from the side of the sleeper behind the drivers door to the very center of the grill! My swr now goes flat without the tuner whereas before maybe I could get as low as 1.5:1 but mostly around 2:1. My big problem was when the hf xmitted the windshield wipers would creep a bit until sometimes they would get passed the park zone and cycle once or twice. So I thought moving the antenna way up front would help. Well it made it worse. Now they cycle everytime it xmits. So I did like the Japanese would do...I installed a switch to break the lead to the intermittent switch. Must be that the coil in the switch is tuned to 10.151! I plan to talk to the truck manufacturer about this. They say I can run up to 100 watts without problems. Guess they don't know about Aprs, eh? Any ideas? I do notice there is a cap between the leads. I disconnected it but it had no effect.

The "Eastern USA North - South Digi", W7LUS, in n.e. GA, will be moved to another, hopefully, better site. Ken, kb4dta, a neighbor, will remove my equip and install it at his qth to get used to my rig. Particulary the tnc - and Hal ST700 modem setup as well as the Yaesu FT980. He then will move it to the Emergency Management Center (911). Sometime I will purchase a Kam for a gateway for the new site. From the site Greenville S.C and Atlanta should be visible on vhf. The antenna will probably be at a height of one full wavelength, 90'!

We hope this will enhance the vhf network into Atlanta. We know it will enhance the vhf network into S.C. and beyond. Ken has promised that the project will get underway right after the first of the year wx permitting.

At this new site the gateway should be nearly 100 percent dependable. It

has its own emergency power and someone that can always reset the tnc should it need it.

Well see...I can bend your ears, can't I? Hi!

Well this "road worrier" will be back on the road Monday the 30th and will deliver near Chicago (Oswego) by the 3rd. Don't forget to watch the beacon page for my itinerary. I try to keep it current!

Hope to see you all out there!

73 Peter W7LUS

From kb5wio@fia.net Sun Dec 29 19:17:14 1996
Received: from kinsey.fia.net (root@mail.fia.net [206.171.100.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA21270 for <aprssig@tapr.org>; Sun, 29 Dec 1996 19:17:12 -0600 (CST)
Received: from ama-fia.fia.net (ts18p14.fia.net [207.212.0.54]) by kinsey.fia.net (8.7.3/8.6.12) with ESMTP id RAA10919; Sun, 29 Dec 1996 17:15:07 -0800 (PST)
Message-Id: <199612300115.RAA10919@kinsey.fia.net>
From: "Jimmy Burkhalter" <kb5wio@fia.net>
To: "Allen K. Adamson" <ne1h@tornado.ne1h.radio.org>
Cc: <aprssig@tapr.org>
Subject: Re: [APRSSIG:7928] Tripmate Q for those who have one.
Date: Sun, 29 Dec 1996 19:16:02 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Allen,

Question, what program were you using when you saw this message that it was upgraded.

Jimmy Burkhalter Amarillo, Texas
KB5WIO
kb5wio@fia.net

From: Alan K. Adamson <ne1h@tornado.ne1h.radio.org>
To: aprssig@tapr.org
Subject: [APRSSIG:7928] Tripmate Q for those who have one.
Date: Sunday, December 29, 1996 6:14 PM

So, I got a tripmate today, downloaded the time/date fix and ran it, but it didn't do anything to so me that it did anything, just said it was upgraded, I would have expected a little bar showing progress etc. Anyone have any way to verify that the patch was made???

Thanks,
Alan
ne1h@ne1h.radio.org

From mherson@intac.com Sun Dec 29 20:30:46 1996
Received: from mailhost.intac.com (root@nile.intac.com [198.6.114.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA24678 for <aprssig@tapr.org>; Sun, 29 Dec 1996 20:30:45 -0600 (CST)
Received: from hudson.intac.com (hudson.intac.com [199.173.0.2]) by mailhost.intac.com (8.7.1/8.6.12) with SMTP id VAA27877 for <aprssig@tapr.org>; Sun, 29 Dec 1996 21:30:42 -0500 (EST)
Message-Id: <199612300230.VAA27877@mailhost.intac.com>
X-Sender: mherson@intac.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Dec 1996 02:30:43 +0000
To: aprssig@tapr.org
From: Mark Herson <mherson@intac.com>
Subject: Re: [APRSSIG:7912] Re: APRS on 29.29 MHz FM

Instead of FM, how about 1000 Hz FSK? Ie, take standard Bell 202 tones (1200 and 2200 Hz - current 1200 baud packet) and run them into a SSB transmitter instead of an FM transmitter. Would save a lot of bandwidth and probably be more sensitive.

73, Mark, N2MH

>A Rule Change indeed ! Now that the solar cycle is beginning it's
>upturn, more folks will have renewed interest in 10m -- most didn't
>have packet tnc's the last time around. One way or another, 10M FM
>will happen.

>

>de Richard/n2jr

>-----
>-----

>On Sun, 29 Dec 1996 03:06:17 -0600 (CST), you wrote:

>

>>In response to several recent postings, it would NOT be legal to run
>>APRS (or any packet, for that matter) on the "wideband" FM (5 kHz
>>deviation) portion of 10 meters (29.0-29.7 MHz), in accordance with
>>Part 97.305(c) of the FCC Rules. In other words, forget about
>>running APRS on 29.29 MHz FM.

>>

>>The only portion of 10 meters where packet (including APRS) is legal
>>is 28.0 to 28.3 MHz, and NOT in the FM mode.

>>

>>Perhaps this would be a good time to petition the FCC for a Rule
>>change.

>>

>>73,
>>Ken Bourne, W6HK

From n0lrf@amsat.org Sun Dec 29 20:40:45 1996
Received: from arthur.computer-services.com (arthur.computer-services.com [206.101.249.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA25158 for <aprssig@tapr.org>; Sun, 29 Dec 1996 20:40:42 -0600 (CST)
Received: from pm6_05.computer-services.com (pm6_11.computer-services.com [206.101.232.158]) by arthur.computer-services.com (8.7.4/8.7.1) with SMTP id UAA27126 for <aprssig@tapr.org>; Sun, 29 Dec 1996 20:37:00 -0600
Message-ID: <32C74671.582F@amsat.org>
Date: Sun, 29 Dec 1996 20:34:57 -0800
From: Paul Stump <n0lrf@amsat.org>
X-Mailer: Mozilla 3.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7932] Season Greetings de W7LUS
References: <19961230011603.AAA4236@worldnet.worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Peter A. Gross wrote:

> Hope to see you all out there!
>
> 73 Peter W7LUS

WELL, it was worth the wait! Thanks, Peter, for the report.
If ur ever cruising I-35, SW of KC, I'll buy ur supper at
McKenzie's at exit 193, they have a pretty good chicken
fried steak...

Thanks &

--

73, Paul, n0lrf@amsat.org

From mherson@intac.com Sun Dec 29 20:49:20 1996
Received: from mailhost.intac.com (root@nile.intac.com [198.6.114.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA25551 for <aprssig@tapr.org>; Sun, 29 Dec 1996 20:49:18 -0600 (CST)
Received: from hudson.intac.com (hudson.intac.com [199.173.0.2]) by mailhost.intac.com (8.7.1/8.6.12) with SMTP id VAA28591; Sun, 29 Dec 1996 21:49:09 -0500 (EST)
Message-Id: <199612300249.VAA28591@mailhost.intac.com>
X-Sender: mherson@intac.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Dec 1996 02:49:13 +0000
To: aprssig@tapr.org
From: Mark Herson <mherson@intac.com>
Subject: Bandwidth Specs for 145.79

Cc: mherson@intac.com

Recently, there's been a thread about MIR switching to 145.800 which then prompted a comment that APRS operations are kept to a small bandwidth to minimize QRM to the Satellite band.

Has anyone spec'ed out what this bandwidth should be so that everyone on freq can tweak his rig to that spec? Ie, should transmit deviation be 3.5 KHz @ 2200 Hz and 1.75 KHz @ 1200 Hz (implies 6 dB/octave pre-emphasis)? According to Carson's rule, this would be $(2 \times 3.5) + (2 \times 2.2) = 11.2$ KHz bw. (And this neglects the modulation components of the 2200 Hz tone up around 2800 Hz.) Should it be less? Should both tones be equal implying no pre-emphasis (true FM)?

I took my first ride this weekend with APRS in the mobile and found that my tnc did not always decode packets from my fixed audio level radio (TM-733). I also found that my transmitter set as above wasn't decoded reliably either. And, at home, I've found that my base transmitter had to be set to at least 4 KHz to be reliably heard by my nearest WIDE digi. (No, it's not path problems as I'm on top of a hill and serve as a WIDE myself.) Methinks some tweaking is in order and we'll probably find paths on existing digis that don't work today. Only problem is what to tune for.

73, Mark, N2MH

From ne1h@tornado.ne1h.radio.org Sun Dec 29 21:04:34 1996

Received: from tornado.ne1h.radio.org (root@tornado.ne1h.radio.org [206.28.196.178]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26298 for <aprssig@tapr.org>; Sun, 29 Dec 1996 21:04:32 -0600 (CST)

Received: from typhoon.ne1h.radio.org (typhoon.ne1h.radio.org [206.28.196.183]) by tornado.ne1h.radio.org (8.7.3/8.7.3) with SMTP id WAA04150 for <aprssig@tapr.org>; Sun, 29 Dec 1996 22:04:29 -0500

Received: by typhoon.ne1h.radio.org with Microsoft Mail

id <01BBF5D4.355BC860@typhoon.ne1h.radio.org>; Sun, 29 Dec 1996 22:04:05 -0500

Message-ID: <01BBF5D4.355BC860@typhoon.ne1h.radio.org>

From: "Alan K. Adamson" <ne1h@tornado.ne1h.radio.org>

To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: Need Recommendation

Date: Sun, 29 Dec 1996 22:04:04 -0500

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

All,

Just thought I would pose a simple question to the group. Any good = suggestions for an APRS portable radio for 2mtr. HT's, etc. Any = success stories, or wiring diagrams. I'm looking for something to throw = in the car with a TNC and GPS and forget (well as far as the law will = allow :)).

Thanks,

Alan

From bruninga@nadm.navy.mil Sun Dec 29 21:31:54 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27749 for <aprssig@tapr.org>; Sun, 29 Dec 1996 21:31:48 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id WAA06841 for <aprssig@tapr.org>; Sun, 29 Dec 1996 22:37:03 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 29 Dec 1996 22:37:02 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7878] Re: 30 and 40 meter monitor
In-Reply-To: <Pine.GS0.3.95.961228133558.23781I-100000@oso.slonet.org>
Message-ID: <Pine.GS0.3.95.961229223556.6819A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Dec 1996, Clifford Buttschardt wrote:

> There has been a suggestion made to enter the novice portion of 40 meters
> with APRS signals. At first I supported this idea but no longer! Here is

APRSDOS REPLY/COMMENT: I agree, shows how long its been since I was on the novice bands (35 years or so). We should certainly stay out of the novice band.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Sun Dec 29 21:45:15 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA28592 for <aprssig@tapr.org>; Sun, 29 Dec 1996 21:45:14 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id WAA06948 for <aprssig@tapr.org>; Sun, 29 Dec 1996 22:50:33 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 29 Dec 1996 22:50:33 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7887] Re: 40m HF discussion
In-Reply-To: <199612290107.RAA11827@m1.sprynet.com>
Message-ID: <Pine.GS0.3.95.961229224653.6819D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Dec 1996, Jim Duncan wrote:

> Hold on, folks!!!!
> It was pointed out to me today that Unattended Gateway operations were NOT
> legal on 40 meters except between 7100 and 7105 by W0XK. We'd better take a
> look at Part 97 before we jump on the bandwagon for a 40 meter frequency

APRSdos REPLY/COMMENT: Read the mail. Any APRS GATEWAY that gates between VHF and HF CAN NOT BE OPERATED UNATTENDED anyway unless the gateway is in the special unattended subband. I dont think 10.151 is... Thats part of the reason why GATING between VHF and HF is just plain not desired on APRS...

So the INTENT on 40 meters had nothing to do with GATEWAYS. All I said was that we need a good 40 m frequency for DAYTIME use of mobiles over medium distances where 10 MHz skip is too far....

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From bruninga@nadm.navy.mil Sun Dec 29 22:03:07 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA29805 for <aprssig@tapr.org>; Sun, 29 Dec 1996 22:03:04 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id XAA07104; Sun, 29 Dec 1996 23:08:08 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 29 Dec 1996 23:08:08 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: Jim Duncan <ku0g@sprynet.com>
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:7885] Re: Space Station Mir.
In-Reply-To: <199612290102.RAA10853@m1.sprynet.com>
Message-ID: <Pine.GS0.3.95.961229225536.6819F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim, your statment that MIR never asked anyone before the move is totally incorrect. Well, maybe it is exactly correct, hi hi, but over a YEAR ago, the intended move was announced and discussed ad-nauseum here and everywhere else. (amsat-bb). The decision makers were informed and quite well aware of the existince of packet operations on 145.79 nationwide. They were encouraged to operate MIR on 145.805 to be within the satellite band and to provide 15 KHz separation to 145.79.

Due to overwhelming pressure from Germany and other European countries to use the 145.800/ 145.200 repeater pair which had been cleared throughout the commonwealth.. They decided to put MIR on .800 and live with the interference.

I suggested we move to 145.785 to provide a 15 KHz separation, but that was vehemetly opposed by Buck ROgers, the packet columnest for CQ magazine who saw that as an encroachment on his 145.77 turf. He is not one to

cross lightly with his bully pulpit.

The final compromise was that APRS has a built in MINIMIZE function that can be used by specially authorized AMSAT stations to cause all un-attended beacons on APRS to shut down for 8 minutes. This should not be a problem since any operator who has emergency or priority traffic can override the minimize with a single key stroke.

Inform the station that due to doppler, he should be listening on 145.805 for the approach of MIR, and that his radio should not then hear activity on 145.79. If the pass is active, then he can tune down as the pass progresses. But at least by monitoring 145.805, he will hear all of MIR when it is active, and will have a quiet squelch the rest of the time...

The long term objective is to put an APRS Mic-Encoder with the special MINIMIZE command on MIR! Then whenever they talk, they will automatically clear the frequency in their immediate footprint while at the same time their position will show up on APRS!

So Tell any querying station to put pressure on the MIR team to use APRS to clear the frequency automatically!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From casey@acm.org Sun Dec 29 22:30:05 1996
Received: from lepton.starttext.net (lepton.starttext.net [205.172.60.12]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA01107 for <aprssig@tapr.org>; Sun, 29 Dec 1996 22:30:00 -0600 (CST)
Received: from casey6.esy.com (st54.starttext.net [207.55.175.54]) by lepton.starttext.net (8.7.5/8.7.3) with SMTP id WAA14293 for <aprssig@tapr.org>; Sun, 29 Dec 1996 22:31:22 -0600 (CST)
Message-ID: <32C734FC.5063@acm.org>
Date: Sun, 29 Dec 1996 22:20:28 -0500
From: Rich Casey <casey@acm.org>
Organization: N5CSU
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS and the Weather
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all:

Just got my old Ultimeter II working with APRS 7.7e, and have been playing with the weather display commands. It seems that the Weather-Display-JustWx command doesn't toggle on/off immediately, but takes a couple of screen refreshes to take effect. Anyone else notice this?

I'm sending the weather info thru the WB3FYV gateway near Fort Worth. Let me know if it's showing on any US maps thru Dave's gateway.

Wish list: that I could save a WX only map as one of the saved maps.
Thought this worked but it doesn't for me.

Incidentally, I was dialing in at 1200 baud on an old laptop via long
distance back to Dallas over the holidays to keep up with the SIG.
Couldn't go without my daily fix!

Happy New Year!
73, Rich

D/FW APRS info: <http://www.startext.net/homes/rcasey/aprs.htm>

--
Rich Casey, Dallas TX | Member: ARRL, AMSAT, ACM, TAPR
casey@acm.org | Ham Radio N5CSU
<http://www.startext.net/homes/rcasey> | Think globally, connect locally

From "w7lus@worldnet.att.net"@worldnet.att.net Sun Dec 29 23:14:57 1996
Received: from mtigwc01.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA03679 for
<aprssig@tapr.org>; Sun, 29 Dec 1996 23:14:55 -0600 (CST)
Received: from worldnet.worldnet.att.net ([207.147.168.133])
by mtigwc01.worldnet.att.net (post.office MTA v2.0 0613)
with SMTP id AAA10086 for <aprssig@tapr.org>;
Mon, 30 Dec 1996 05:06:45 +0000
Date: Sun, 29 Dec 1996 23:53:06 -0500
From: "Peter A. Gross" <"w7lus@worldnet.att.net"@worldnet.att.net>
Reply-To: "w7lus@worldnet.att.net"@worldnet.att.net
X-Mailer: Mozilla 3.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7935] Re: Season Greetings de W7LUS
References: <32C74671.582F@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Message-ID: <19961230050644.AAA10086@worldnet.worldnet.att.net>

Paul Stump wrote:

>
> Peter A. Gross wrote:
>
> > Hope to see you all out there!
> >
> > 73 Peter W7LUS
>
> WELL, it was worth the wait! Thanks, Peter, for the report.
> If ur ever cruising I-35, SW of KC, I'll buy ur supper at
> McKenzie's at exit 193, they have a pretty good chicken
> fried steak...
>
> Thanks &
>

> --
> 73, Paul, n01lrf@amsat.org
That's a date!
73 - Peter

From ronald@cyberstreet.com Sun Dec 29 23:49:40 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA07360 for <aprssig@tapr.org>; Sun, 29
Dec 1996 23:49:39 -0600 (CST)
Received: from cyberstreet ([207.30.55.33]) by mail.cyberstreet.com
(post.office MTA v2.0 0813 ID# 114-12414) with SMTP id AAA170
for <aprssig@tapr.org>; Mon, 30 Dec 1996 00:49:35 -0500
Message-Id: <3.0.32.19961230000317.007517e4@cyberstreet.com>
X-Sender: ronald@cyberstreet.com (Unverified)
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Mon, 30 Dec 1996 00:48:40 -0500
To: aprssig@tapr.org
From: ron oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:7930] TripMate & KPC-3 WORKING!!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:59 PM 12/29/96 -0600, you wrote:

>Dear Siggers,
> After several frustrating weekends, my friend
Burton and I have
>finally managed to get the TripMate GPS unit to work perfectly with the
>Kantronics KPC-3. We spent a considerable amount of time and effort on
this so

Bill - I hav'nt even bought my tripmate yet but I'm
going to. My experience with Magellan X1 has left me
kind of cold. I love the KPC-3 and am pretty familiar
with it. It's too late for Xmas but if this works as
advertised I'll send you an Easter goose. It was most
kind of you and your friends to take the time to do
the hard work and then share it with everyone else.
Beware though: there is a school out there that will
criticise you for not letting everybody learn the
hard way like THEY did. Thanks again Bill.

ronald@cyberstreet.com
kd4ams
2700.49N 08208.47W

>we documented everything and have prepared a little manual. I believe with
>this information, almost any tnc can be prepared for use with the TripMate.
>Special thanks to some of those on the SIG who took the time to respond to
my
>e-mail and help out with their suggestions.

>
>

>KANTRONICS KPC-3 AND TRIPMATE GPS INTERFACE

>

>The following represents the efforts of WB6JAR and N6KZB, with
>input from WK5M, to interface the Tripmate to the Kantronics
>KPC-3. We found that it worked better than anticipated in
>satellite acquisition and direction of travel. Despite some of
>the help offered via the APRS SIG group, the following is the
>ONLY set up that worked with our units.

>

> PIN OUT CONFIGURATION

> Tripmate	KPC-3
------------	-------

>

>pins 2&3 tied together--then both connect to---	pin 2
>pin 5 connects to---	pin 7
>pin 4 connects to---	pin 6

>

> MODIFICATIONS TO KPC-3

>

>Install a 4.7 K resistor at position R-48 to make DSR active,
>(see parts layout for location of R48). It is at the rear, on
>the board, between the DB9 and DB25 connectors.

>

> KPC-3 COMMANDS

>

>Refer to KPC-3 manual and Command Summary sheets for GPS version
>6.0 firmware.

>

>Abaud 4800

>INTface TERMINAL, (not NEWUSER mode)

>MYcall to callsign-9, (or your desired ssid)

>BText is set as needed

>BLt 1 through 4 to desired beacon interval in seconds

>GPShead 1 through 4, must be changed to \$GPRMC

>GPSInit needs not to be set, (since pins 2&3 on Tripmate are tied)

>LT 1 through 4 gets filled with GPS info so leave blank

>LTP 1 through 4 gets set to your local area agreed upon digi paths

>LTRack left to factory default

>PMode left to factory default

>RPrint left to factory default

>

>Final command is INT GPS, then turn TNC off and back on with


```
>Tripmate connected. It will take about 2 minutes for first
>satellite acquisition.
>
>                               12.29.96/billk@inland.net/burton@firecom.com
>Bill Kearns   billk@inland.net      /\ /\  /\ /\
>
>                               / ^ \          |
>                               / _ _ _ \       | _ _
>           / ~ ~ ~ \         - - - | _ _ _ | _ _ - - - | * * |
>        // (^  ^) \ \       /// / / \ \ \ \ \    | ( ) | WB6JAR
>     /// (Q  Q) \ \ \      ( 0  0  )         | _ _ |
>---ooo--()--ooo-----o000--(_)--000o-----
>
>
>
```

From ronald@cyberstreet.com Sun Dec 29 23:49:44 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA07383 for <aprssig@tapr.org>; Sun, 29 Dec 1996 23:49:42 -0600 (CST)
Received: from cyberstreet ([207.30.55.33]) by mail.cyberstreet.com (post.office MTA v2.0 0813 ID# 114-12414) with SMTP id AAB170 for <aprssig@tapr.org>; Mon, 30 Dec 1996 00:49:39 -0500
Message-Id: <3.0.32.19961230000934.00751cc4@cyberstreet.com>
X-Sender: ronald@cyberstreet.com (Unverified)
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Mon, 30 Dec 1996 00:48:43 -0500
To: aprssig@tapr.org
From: ron oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:7932] Season Greetings de W7LUS
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

```
At 07:22 PM 12/29/96 -0600, you wrote:
>Hello to all the Aprs users!
>
>Once again I must explain to many that when I receive your 1 liners
```

I am not going to say a word!!!!
 "somebody get those enlisted men off the bridge"
 kd4ams

```
>while passing through your area or even those that send to me on hf, I
>don't intentionally ignore your messages. Please understand that when I
>am "on duty" I am at the wheel. The computer is behind me where I can't
>see it. I know that wb4apr has made function keys to allow easier
>replies, however I rather keep my eye on the road and concentrate on
>DEFENSIVE driving, hi! I am sure you all can realize that it does, in
```

>fact, take much more concentration to wheel around 75 feet of what feels
>like pure lead! I do try to get back to many on hf but usually those on
>vhf are to far behind me. Many times I'll sit behind the wheel for some
>5 hours without any stops, if I can help it. I do appreciate all the
>messages and attention that I get crossing back and forth and to all
>corners of the country.

>

> Clay, aa3jy, I have tried what seems like a thousand times to get back
>an ack from you but never have. I know your way down a vhf path which is
>kinda inconvient to setup for short periods of usage.

>

>I have had some wonderful visits from many out there. Everytime I pull
>into Amarillo there is usually Maury, w5ugo (might have messed up his
>call, anyway the father of the Sproul brothers, our WinAprs authors,
>etc). Maury and his wife Betty have met me more than once. Sometime I
>haven't even shut down the truck after parking and there will be Maury
>or Jimmy, kd5wio at my door. Maury and Betty have taken me into there
>home for wonderful home cooked meals, a warm quiet bed and usage of the
>washing facilities! And even after staying with them they have left an
>open invitation anytime I can take the time. I might add here that Betty
>is one proud mother of her "boys" Mark and Keith...did you all know that
>they are identical twins and are married to identical twins and live
>just a few miles apart? Keith and Mark, you guys have some wonderful
>parents that YOU all can be proud of, but I know you "boys" already know
>that.

>

>A special thanks to Lloyd, kb0mmq, and his wife in Denver, CO for there
>hospitality. They picked me up and brought me to one of there favorite
>resturants. I hope to get back there as much as possible and try more of
>that menu. Lloyd lives in a townhouse and has to have a hidden antenna
>that has to be in doors. I see you often Lloyd but I guess that noise
>level makes it tough for you sometimes to hear me especially when I try
>to send some one liners back to you.

>

>I am terribly sorry but I can't pull the callsigns outa my head of those
>in Austin, TX. But I had a most delious mexican meal there. The
>atmosphere was like being in the heart of Mexico but the price wasn't,
>hi! I think a call was w5rkn....I am really sri guys...I am not seeing
>you 2 enough to burn your calls in my head...I'll make it up to you all
>and your wives I promise!

>

>And what happened to Gerry n9vhw, I think now N9GD, the gateway in the
>Chicago area? He once picked me up at Rosemont Conv. Center and we went
>to eat then he took me to a grocery store...he seems to be a really
>great person, I enjoyed him very much. No doubt he is heavy into Aprs. I
>left him some messages while waiting to load within 10 miles of him a
>couple of weeks ago but he has never responded. Is he ok?

>

>There are several others that I have the pleasure to meet or just chew
>the rag on vhf. This part of ham radio
>has really made my job a pleasure. I never realized how many are
>watching me or just keeping up with me on Aprs. Esecially those that are
>on vhf. There are a few spots where the vhf networks don't have a

>gateway. If I realize it I will then enable my gateway. Sorry ke4eer!
>The networks are really growing fast. It looks like Oklahoma City has
>finally joined us. When on the west coast I notice a growth every visit.
>I also notice that the n.e. network and the s.e. network are very close
>to closing in on one another. I think, as noted on Aprs, we do need
>somemore freqs. Thirty meters just doesn't have what it takes to
>consistently link the east and west coasts of the country.

>

>Wait til you see my next truck. The plan is hopefully to order a new
>Peterbuilt or maybe a Kenworth in the next 6 months. The sleeper will be
>12 to 14 feet long. It'll be equiped to be totally self sufficient like
>a camper. Even with a 30amp power cord hookup. Yep, a shower, toilet, 2
>burner cook top, convection microwave, apartment size frid and freezer,
>in motion sateelite tv, build in central vacuum, 7.5 kw diesel gen,
>settee, and even a telephone between the sleeper and the driver! Plus
>some other goodies. If you haven't seen what I have now go into the FL
>Aprsers home page at n2czf and at the very bottom you'll find 3 gifs of
>my truck. That truck cost me \$83,000 the new one I expect will be about
>twice, \$160,000. But that is my home which includes rent and utilities.
>I have been long out of room...I am longing for that big sleeper. It'll
>all set on about a 320 to 330 inch wheel base tractor. I am on 228" now
>with ba 72" sleeper.

>

>I work for North American Van Lines in the High Value Products Division
>which haul electronics and tradeshows. I am in the "exhibits" group. I
>sonetimes may sit for a day or so at a convention center waiting my
>turn. I am also given extra time on the road to make my destinations on
>time and legally. I laso get payed very very well for waiting and
>assuming these responsibilities unlike most truckers you all come across
>everyday. I am proud to say that among the experienced truckers we are
>concidered the "elite"! If any of you would like to know more about the
>trucking field just invite me to a darn good hot meal and I'll spill my
>guts and bent your ears for sure, hi hi!

>

>I am using the Yaesu FT 900AT on HF and have a Kenwood TM733A that is in
>the shop for the second time for the same symtom. The last time it was a
>broken solder joint that only allowed about 1 and 1/2 watts output. I
>guess Kenwood can't stand the punishment of the truck. So I just
>received from Santa a Yaesu FT8500 with the big "potatoe head" mic!
>Yaesu claims to be military spected...will see about that. Neat rig
>though, I think I am going really enjoy this one. The Tnc is a Kam+ with
>the Aea hsp tied to a Megellan DLX5000. Just got a new laptop a few
>months ago and really love it too! It is an AST pent 130 Ascentia A
>Series, with 16meg ram, 1.2 gig hd, touch mouse and 4x cd. The vhf
>antenna I forget but it is 5/8 wave mounted on the right mirror. On hf
>is the High Serria which I just moved from the side of the sleeper
>behind the drivers door to the very center of the grill! My swr now goes
>flat without the tuner whereas before maybe I could get as low as 1.5:1
>but mostly abround 2:1. My big problem was when the hf xmited the
>windshield wipers would creep a bit until sometimes they would get
>passed the park zone and cycle once or twice. So I thought moving the
>antenna way up front would help. Well it made it worse. Now they cycle
>everytime it xmits. So I did like the Japanese would do...I installed a

>switch to break the lead to the intermittent switch. Must be that the
>coil in the switch is tuned to 10.151! I plan to talk to the truck
>manufacturer about this. They say I can run up to 100 watts without
>problems. Guess they don't know about Aprs, eh? Any ideas? I do notice
>there is a cap between the leads. I disconnected it but it had no
>effect.
>
>The "Eastern USA North - South Digi", W7LUS, in n.e. GA, will be moved
>to another, hopefully, better site. Ken, kb4dta, a neighbor, will remove
>my equip and install it at his qth to get used to my rig. Particulary
>the tnc - and Hal ST700 modem setup as well as the Yaesu FT980. He then
>will move it to the Emergency Management Center (911). Sometime I will
>purchase a Kam for a gateway for the new site. From the site Greenville
>S.C and Atlanta should be visible on vhf. The antenna will probably be
>at a height of one full wavelength, 90'!
>We hope this will enhance the vhf network into Atlanta. We know it will
>enhance the vhf network into S.C. and beyond. Ken has promised that the
>project will get underway right after the first of the year wx
>permitting.
>At this new site the gateway should be nearly 100 percent dependable. It
>has its own emergency power and someone that can always reset the tnc
>should it need it.
>
>Well see...I can bend your ears, can't I? Hi!
>
>Well this "road worrier" will be back on the road Monday the 30th and
>will deliver near Chicago (Oswego) by the 3rd. Don't forget to watch the
>beacon page for my itenerary. I try to keep it current!
>
>Hope to see you all out there!
>
>73 Peter W7LUS
>
>
>

From sparkfel@primenet.com Mon Dec 30 00:13:26 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA12166 for <aprssig@tapr.org>; Mon, 30
Dec 1996 00:13:20 -0600 (CST)

Received: from ip-20-117.phx.primenet.com (ip-20-117.phx.primenet.com
[206.165.20.117]) by primenet.com (8.8.3/8.8.3) with SMTP id XAA05415; Sun, 29 Dec
1996 23:13:08 -0700 (MST)

Date: Sun, 29 Dec 1996 23:13:08 -0700 (MST)

Message-Id: <3.0.16.19961229231306.294f6eb6@mailhost.primenet.com>

X-Sender: sparkfel@mailhost.primenet.com

X-Mailer: Windows Eudora Pro Version 3.0 (16)

To: aprssig@tapr.org, aprssig@tapr.org

From: Mark Fellhauer <sparkfel@primenet.com>

Subject: Re: SMB Connector

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 04:03 PM 12/29/96 -0600, Roger Sellers wrote:

> How about checking Hamfests for the connectors?

>

Well, mainly because I may have to drive 30 plus miles round trip to a hamfest where I may or may not find the connectors, may or may not find one for less than I can mail-order one, and wait for weeks, months, or even years to find one. I would like to use this antenna in the near future. I will probably just cut the cable and solder a BNC connector on.

73,

Mark
KC7BXS

From kf4xh@juno.com Mon Dec 30 02:29:16 1996
Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA21373 for <aprssig@tapr.org>; Mon, 30 Dec 1996 02:29:14 -0600 (CST)
Received: (from kf4xh@juno.com) by x16.boston.juno.com (queuemail) id DYZ18784; Mon, 30 Dec 1996 03:28:54 EST
To: aprssig@tapr.org
Date: Mon, 30 Dec 1996 04:28:57 PST
Subject: Re: 10m FM packet
Message-ID: <19961230.042911.5599.8.kf4xh@juno.com>
References: <19961230.035130.5599.1.kf4xh@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-14
From: kf4xh@juno.com (Andrew C. Middlebrooks)

1st- Hopes for a good New Year to all

2nd- I fired this question to start a campaign not a war- Ask it a month or so ago & got little response. So I tried it again & got some but let's keep it positive.

In the FM portion of 10m-from lower FM band edge to the repeater pairs, how do we use it & how could we use it? Yes, let's use all we have before it may "look" vacant and go elsewhere. Anyone remember Class A CB- uhf (some 8 mhz in 460's) now reduced to only 8 repeater pairs (GMRS) wasn't being used so it went elsewhere

73's
andy/kf4xh@juno.com

From n1kxj@juno.com Mon Dec 30 03:40:32 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA24913 for <aprssig@tapr.org>; Mon, 30 Dec 1996 03:40:31 -0600 (CST)
Received: (from n1kxj@juno.com) by x10.boston.juno.com (queuemail) id EBB16325; Mon, 30 Dec 1996 04:39:35 EST
To: aprssig@tapr.org

Date: Mon, 30 Dec 1996 04:41:04 PST
Subject: Re: 10m APRS
Message-ID: <19961230.044146.5287.0.n1kxj@juno.com>
References: <9612282035.AA22623@wtpprod1.wtp.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2
From: n1kxj@juno.com (Raymond E. Wall)

I will try it up here in the northeast near Boston as well...

Ray /

N1KXJ

From henryvb@dpliv.com Mon Dec 30 04:33:21 1996
Received: from pcweb.dpliv.com (root@pcweb.dpliv.com [206.31.254.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id EAA27178 for <aprssig@tapr.org>; Mon, 30 Dec 1996 04:33:18 -0600 (CST)
Received: from 586tower ([206.31.254.50]) by pcweb.dpliv.com (8.7.6/8.7.3) with SMTP id EAA07537; Mon, 30 Dec 1996 04:40:50 -0600
Message-ID: <32C79ACE.18E@dpliv.com>
Date: Mon, 30 Dec 1996 04:34:54 -0600
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com
Organization:
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org, steves68@mindspring.com
Subject: Re: APRS NEWSGROUP
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Stark queried of us:

> Has there ever been a "rec.radio.amateur.aprs" newsgroup?

No, and I personally would never want one. Just too much of a nightmare with "get rich quick" and XXX-rated ads to ever have one of those. This works better and allows things like archiving every message since day one to search, download, etc.

Now if we could only get the mail handler at TAPR to make the "Reply to" for each message to be the original sender's e-mail address, not the SIG address

Henry
N9WMM
henryvb@dpliv.com

From rwf@mindspring.com Mon Dec 30 08:14:29 1996
Received: from mule1.mindspring.com (mule1.mindspring.com [204.180.128.167]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA05641 for <aprssig@tapr.org>; Mon, 30 Dec 1996 08:14:27 -0600 (CST)
From: rwf@mindspring.com
Received: from default (user-168-121-44-154.dialup.mindspring.com

[168.121.44.154])
by mule1.mindspring.com (8.8.2/8.8.4) with SMTP
id JAA22860 for <aprssig@tapr.org>; Mon, 30 Dec 1996 09:14:23 -0500
Message-Id: <3.0.32.19961230091036.00a08338@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Mon, 30 Dec 1996 09:14:37 -0500
To: aprssig@tapr.org
Subject: Mailing List Reply-To header
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It can be done! No one will take responsibility for the operation of it. I have been suggesting it for a long time, even contacted the mailing list author and got the code required. Greg Jones says to contact Keith Sproul("He's the Host") and Keith points his finger back at Greg("I'm only just the Host").

Please, no messages telling me to reconfigure my mail program. It is not my mail program. It IS the list server that does this.

73 all and a Happy New Year
Ralph rwf@mindspring.com

Henry wrote:

>Now if we could only get the mail handler at TAPR to make the "Reply to"
>for each message to be the original sender's e-mail address, not the SIG
>address
>

From sproul@ap.org Mon Dec 30 08:33:16 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA06582 for <aprssig@tapr.org>; Mon, 30 Dec 1996 08:33:14 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id JAA28895; Mon, 30 Dec 1996 09:26:42 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780eaeed82a1ffcd@[165.1.27.20]>
In-Reply-To: <3.0.32.19961229154729.006d90a4@rockford.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Dec 1996 09:32:22 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: comm ports 4 and higher

>At 02:30 PM 12/29/96 -0500, you wrote:

>>

>>I am using win95 with a cyclades (8Y0) 8 port (1 irq) card. I can't seem to
>>access any ports from it when I attempt to test winaprs. I attempt to open
>>com 6 and I get unable to access com6.

>>
>>Has anyone been using multifunction i/o cards with any success.
>>

>Hi Mike,
> I'm using a card that gives me com1 to com4. For some reason I can't get
>Windows 95 to "like" com3. So I have my modem on com1, mouse on com2, and
>KPC3 TNC on com4. Had to find IRQ's that didn't conflict. But once that was
>done, all is well here. I wish I could get com3 to work though.

I found a problem in my SERIAL DLLs that prevent them from working beyond
port 4, I will have the DLLs updated for the next release.

Mark

Mark Sproul	|Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	|Work: 609-860-7120
North Brunswick, NJ	|Fax: 609-860-7129
http://msproul.rutgers.edu/	

From mherson@intac.com Mon Dec 30 08:54:13 1996
Received: from mailhost.intac.com (root@nile.intac.com [198.6.114.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA07916 for <aprssig@tapr.org>; Mon, 30 Dec 1996
08:54:12 -0600 (CST)
Received: from hudson.intac.com (hudson.intac.com [199.173.0.2]) by
mailhost.intac.com (8.7.1/8.6.12) with SMTP id JAA23466; Mon, 30 Dec 1996 09:54:08
-0500 (EST)
Message-Id: <199612301454.JAA23466@mailhost.intac.com>
X-Sender: mherson@intac.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Dec 1996 14:54:08 +0000
To: aprssig@tapr.org
From: Mark Herson <mherson@intac.com>
Subject: Re: [APRSSIG:7854] javAPRS Improvements
Cc: mherson@intac.com

At 07:43 96:12:28 -0600, you wrote:
>I have made a significant improvement in the way javAPRS handles screen
>updates, but there is a report it may not work correctly on all machines.
>I'd like to get an idea how widespread the problem is...
>
>If you have a java capable browser, I ask that you go to the following
>page and tell me if it works for you...let me know what OS and browser
>you use. Please email directly to me (sdimse@bridge.net) not to the sig.

>
><http://www.wa4dsy.radio.org/aprs/soeast.html>
>
>Thanks de Steve K4HG

Hi Steve,

I'm running Netscape 3.0 Gold, 16 bit under Windows 3.1 and got the following message:

Sorry, your browser doesn't do Java!

I would have thought Netscape 3.0 had Java already but maybe not?

73, Mark, N2MH

From sproul@ap.org Mon Dec 30 09:01:00 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA08202 for <aprssig@tapr.org>; Mon, 30 Dec 1996 09:00:59 -0600 (CST)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id JAA01074; Mon, 30 Dec 1996 09:54:27 -0500
X-Sender: sproul@165.1.6.1 (Unverified)
Message-Id: <v0300780faeed8584ada3@[165.1.27.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Dec 1996 09:52:36 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Rutgers APRS web server

We forgot to post this ahead of time,

Rutgers is officially closed from Christmas to New Years and they do a lot of the special network maintenance that cannot be done at other times so there maybe periods of downtime for the aprs.rutgers.edu web server. If this happens, please try again later. In some cases it might not be accessable for an entire day.

Mark

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bruninga@nadn.navy.mil Mon Dec 30 09:23:42 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id JAA09371 for <aprssig@tapr.org>; Mon, 30 Dec 1996 09:23:38 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA05565 for <aprssig@tapr.org>; Mon, 30 Dec 1996 10:28:57 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 30 Dec 1996 10:28:57 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7911] Re: MapFix29
In-Reply-To: <32C6769E.36E8@gte.net>
Message-ID: <Pine.GS0.3.95.961230102805.2485C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 29 Dec 1996, Daniel Velez wrote:

> If another revision to MAPFIX is coming, how about looking at the use of
> the mouse when drawing. MAPFIX seems to put in two or three points with
> one mouse click (even my bestest, fastest click hehehe). Can this be
> tweaked or is it something I am doing???

APRSDos REPLY/COMMENT: I noticed this too, and so I don't use the mouse click, but use EDIT-ADD. I'll try to remember to debounce it...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From casey@acm.org Mon Dec 30 09:24:18 1996
Received: from lepton.starttext.net (lepton.starttext.net [205.172.60.12]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id JAA09429 for <aprssig@tapr.org>; Mon, 30 Dec 1996 09:24:17 -0600 (CST)
Received: from casey6.esy.com (st46.starttext.net [207.55.175.46]) by lepton.starttext.net (8.7.5/8.7.3) with SMTP id JAA11504 for <aprssig@tapr.org>; Mon, 30 Dec 1996 09:25:38 -0600 (CST)
Message-ID: <32C7CE55.60BD@acm.org>
Date: Mon, 30 Dec 1996 09:14:45 -0500
From: Rich Casey <casey@acm.org>
Organization: N5CSU
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS7.7e and Weather Commands
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings SIG'ers:

Just got my old Ultimeter II working with APRS 7.7e. It went pretty smoothly, once I changed to a bus mouse. I'm sending the weather info

thru the WB3FYV gateway near Fort Worth. Let me know if it's showing on any US maps thru Dave's gateway.

I have been playing with the weather display commands. It seems that the Weather-Display-JustWx command doesn't toggle on/off immediately, but takes a couple of screen refreshes to take effect. Anyone else notice this?

Wish list: that I could save a Wx-Display-JustWx map as one of the saved maps while the others show all activity. Thought this worked but it doesn't for me.

Incidentally, I was dialing in at 1200 baud on an old laptop via long distance back to Dallas over the holidays to keep up with the SIG. Couldn't go without my daily fix!

Happy New Year!

73, Rich

D/FW APRS info: <http://www.startext.net/homes/rcasey/aprs.htm>

--

Rich Casey, Dallas TX | Member: ARRL, AMSAT, ACM, TAPR
casey@acm.org | Ham Radio N5CSU
<http://www.startext.net/homes/rcasey> | Think globally, connect locally

From bruninga@nadm.navy.mil Mon Dec 30 09:43:12 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA10627 for <aprssig@tapr.org>; Mon, 30 Dec 1996 09:43:11 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA07920 for <aprssig@tapr.org>; Mon, 30 Dec 1996 10:48:30 -0500 (EST)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Mon, 30 Dec 1996 10:48:30 -0500 (EST)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:7931] Tripmate/APRS Question

In-Reply-To: <9612300101.AA13086@host>

Message-ID: <Pine.GS0.3.95.961230104512.2485E-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 29 Dec 1996 jpcirone@warwick.net wrote:

> I rushed out last nite and bought the only remaining tripmate on the
> shelf in CompUSA near here. I works great - MUCH better than my Magelleon
> The question I have is that since I'm new to APRS - will the new
> version use the Street Atlas 4.0 as the APRS maps (would be great if
> it is true) and APRS software will provide the interface to display
> APRS icons/data on the maps?

APRSDos REPLY/COMMENT: All APRSDos can do is run as a front end COMM processor. Hook it to your TNC and the 2nd COMM port to a SECOND computer running Delorme (or any other GPS/MAPing software). APRS will do its usual thing but any object or station you "hook" on APRS will show up one at a time on the Delorme maps...

If there was interest, I could let the Delorme PC and the GPS share a comm port, so that the front end PC could get by with only 2 comm ports..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From sdimse@bridge.net Mon Dec 30 09:47:13 1996
Received: from [newworld.bridge.net](mailto:root@newworld.bridge.net) (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA10828 for <aprssig@tapr.org>; Mon, 30 Dec 1996 09:47:11 -0600 (CST)
Received: from [199.174.231.80] (hd37-080.compuserve.com [199.174.231.80]) by newworld.bridge.net (8.8.3/8.8.3) with SMTP id KAA28721 for <aprssig@tapr.org>; Mon, 30 Dec 1996 10:46:58 -0500 (EST)
Message-Id: <199612301546.KAA28721@newworld.bridge.net>
Subject: Re: [APRSSIG:7951] Re: javAPRS Improvements
Date: Mon, 30 Dec 96 10:46:59 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I'm running Netscape 3.0 Gold, 16 bit under Windows 3.1 and got the
>following message:

>

> Sorry, your browser doesn't do Java!

>

>I would have thought Netscape 3.0 had Java already but maybe not?

>

No, Netscape for Win 3.1 doesn't do Java. It does have JavaScript, which is a whole 'nother beast. There is a beta for Win 3.1 that does have Java, but it is not stable enough to run javAPRS, which pushes the limits of Java. (The same thing happened to the Mac, Linux, and OS/2 beta versions.) No help for you now, but at least you know it is coming...based on past experience, less than two months to a stable beta...hang in there.

Steve K4HG

From pmarkham@up.net Mon Dec 30 11:27:26 1996
Received: from btc1 (btc1.up.net [205.242.56.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA16530 for <aprssig@tapr.org>; Mon, 30 Dec 1996 11:27:24 -0600 (CST)

Received: from default (csm1-49.up.net) by btc1 (5.x/SMI-SVR4)
id AA22771; Mon, 30 Dec 1996 12:26:40 -0500
Message-Id: <9612301726.AA22771@btc1>
Comments: Authenticated sender is <pmarkham@up.net>
From: "Peter Markham" <pmarkham@up.net>
To: aprssig@tapr.org
Date: Mon, 30 Dec 1996 12:28:02 -5
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT
Subject: Re: [APRSSIG:7936] Bandwidth Specs for 145.79
Priority: normal
In-Reply-To: <199612300249.VAA28591@mailhost.intac.com>
X-Mailer: Pegasus Mail for Win32 (v2.50)

Mark says, (My interpretation):

How much of the MIR/APRS qrm issue is the result of apathy and the lack of applied technical expertise concerning a technical issue?

Pete says, (Not Mark's interpretation ;-)

The problem may be one of a transitory nature, while MIR is visible from a particular site, but care in setting tx audio gain and deviation levels, calibrating tx and rx frequencies, limiting transmit power to considerably less than "alligator" levels and good front end receiver filtering would make the perceived problem far less a pain to the MIR users and would enhance the overall "efficiency?" of the vhf APRS network.

Back during my good ol' vhf packet days not too long ago, I found that for my purposes a deviation level of 2.5 to 3.5 khz, set with a calibrated communications service monitor, worked well with transmitters and receivers calibrated to transmit and receive on frequency. Special care was given to bypass or compensate for pre emphasis and de emphasis circuitry and mic gain and deviation circuits to assure that the received data tones were not distorted due to clipping or audio frequency response characteristics of the transmitter and receiver. Choosing trancivers with well designed and tuneable receiver rf sections made the prospect of qrm less probable. The 3 packet operators in my town, all with high profile setups, caused each other little to no grief on adjacent channels, separated by 20 khz.

I suspect that the technical resources available in this armpit of the country can be located and used in any civilized community, if operators were so inclined. If "out of the box plug and play equipment" is to be the norm, and diddle 'til it works, the procedure, the prospect for conditions to improve are dismal, at best.

Granted, no frequency shift due to doppler, 10 khz spacing, or "limitless" radio horizons were contended with, but it never ceased to amaze me how many operators from elsewhere cried about the problems with qrm from adjacent channels. We APRS folks may not be able to change the MIR operational frequency allocation and other issues beyond our control, but we can limit the grief to others by setting up and operating our equipment in a responsible manner that minimizes the impact on MIR operations and grants the consideration to the interests of others, that we want and expect.

One of the aspects of vhf APRS that requires emphasizing, again? is the impact of high power and gain antennas on the receive performance of MIR's packet setup and the APRS vhf networks, in general. The MIR receiver is not "bullet proof" and I would hazard speculation that 50 watts into a gain antenna, in the clear, could hit MIR with a signal strong enough, if off frequency enough, with high deviation and approaching doppler shift, that would, with other similar operations, bombard MIR with a significant amount of qrm from almost any US horizon. There may be a certain amount of ego satisfaction in knowing you are heard and seen in 5 surrounding states and MIR, but it cripples the APRS vhf network (touched on numerous times by Bob and others, and the concepts of which are in the APRS documentation) and gains few friends in other quarters. APRS has enough vocal opposition, as Bob has made all aware of.

The vhf efficiency of packet operations in my area of the country was also compromised by accomodating the residential HT user at fringe radio ranges and I suspect that same view of the world will cause grief for APRS and MIR users alike. Unless I have missed something, APRS digis should be designed as ears, not mouths.

I cannot be all things to all people all the time, but consideration and care buys me a some of the same in return.

I hope that Mark's concern has not fallen on deaf ears.

Pete/wa4hei

The meek will not inherit the Earth.

From sproul@ap.org Mon Dec 30 11:59:21 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA18267 for <aprssig@tapr.org>; Mon, 30 Dec 1996 11:59:19 -0600 (CST)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id MAA05792; Mon, 30 Dec 1996 12:52:43 -0500

X-Sender: sproul@165.1.6.1

Message-Id: <v03007814aeedaf778c46@[165.1.27.20]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 30 Dec 1996 12:43:42 -0500

To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Email to sproul@ap.org

If anyone is trying to send me email, my email server is having serious problems, You can send email to ksproul@noc.rutgers.edu (to keith) and he will make sure I get the message promptly.

Some of the mail is getting thru, most of it is bouncing.

Mark Sproul

Mark Sproul	| Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	|
sproul@ap.org	| Work: 609-860-7120
North Brunswick, NJ	| Fax: 609-860-7129
http://msproul.rutgers.edu/	

From rsellers@rockford.com Mon Dec 30 13:42:24 1996
Received: from rockford.com ([206.230.91.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA23514 for <aprssig@tapr.org>; Mon, 30 Dec 1996 13:42:18 -0600 (CST)
X-ROUTED: Mon, 30 Dec 1996 13:42:20 -0500
Received: from rsellers [206.230.91.20] by rockford.com with smtp id ANCJCNEJ ; Mon, 30 Dec 1996 13:41:46 -0500
Message-Id: <3.0.32.19961230133927.00695870@rockford.com>
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Mon, 30 Dec 1996 13:39:29 -0600
To: aprssig@tapr.org
From: Roger Sellers <rsellers@rockford.com>
Subject: Re: [APRSSIG:7931] Tripmate/APRS Question
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:18 PM 12/29/96 -0500, you wrote:

>Does it mean that in order to run APRS and tripmate, I need 2 com
>ports on my notebook - one for the tripmate GPS and the other for the
>TNC?
>

You will most likely need a second port or use some form of HSP (hardware single port) switch. I purchased mailorder a PCMCIA serial port card for mine (wasn't real cheap). Other than the flimsy connector to the card, it doesn't work too bad.

But one or the other options will do.

73,

Roger Sellers KB9LBU
email: Home: rsellers@rockford.com

KB9LBU@juno.com
Work: rsellers@snds.com

From w2g3zfej@unix.asb.com Mon Dec 30 16:26:38 1996
Received: from unix.asb.com (unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA03183 for <aprssig@tapr.org>; Mon, 30 Dec 1996
16:26:36 -0600 (CST)
Received: from default (sls11.asb.com [165.254.128.21]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id RAA26007 for <aprssig@tapr.org>; Mon, 30 Dec 1996
17:32:19 -0500
Message-ID: <32C8411C.4920@unix.asb.com>
Date: Mon, 30 Dec 1996 17:24:28 -0500
From: bob <w2g3zfej@unix.asb.com>
Reply-To: w2g3zfej@unix.asb.com
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Tripmate and HP200LX + Adaptive Tracker Update
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks

I took my recently acquired Tripmate out for a run connected to my
HP200LX palm top to see how it would go. General result, excellent!

I wasn't interested in having the TNC connected at present, was more
interested in how the 200LX would handle the data stream from the
Tripmate and how the map would be updated.

I set the screen update rate to every 2 secs and initialised the
Tripmate with the O-C-G screen by sending ASTRAL. I setup aprs (ver 77e)
with no tnc and the GPS connecetd to com1. The GPS Plot status display
was excellent and worked like a charm.

Next time I'll try it with the HSP and the KPC-3.

73 de bob w2/g3zfej

PS. If anyone is following the Adaptive Tracker saga I have had a few
more bugs. the last one I found out today, was due to the feature that
the Paccom TNC-2 code waits for the duration of the previous loc e
command to runout BEFORE it actions the new interval. For example if I
set loc e 90 (every 900 seconds) and the sent loc e 3, it would wait for
the remainder of the 900 secs to time out before setting the new rate.
My work-around is to issue a RESTART command after the new interval and
that seems to work OK. But, its been fun! I could have done with a GPS
simulator rather than driving the car around the block each time I
wanted a moving fix!

From lmkeeran@rs6000.cmp.ilstu.edu Mon Dec 30 18:00:30 1996
Received: from rs6000.cmp.ilstu.edu (root@rs6000.cmp.ilstu.edu [138.87.1.2]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA08234 for <aprssig@tapr.org>; Mon, 30 Dec 1996 18:00:29 -0600 (CST)

Received: from line7046.ras.ilstu.edu by rs6000.cmp.ilstu.edu (AIX 4.1/UCB 5.64/4.03)

id AA12972; Mon, 30 Dec 1996 18:00:27 -0600

Message-Id: <32C8576B.18FE@rs6000.cmp.ilstu.edu>

Date: Mon, 30 Dec 1996 17:59:41 -0600

From: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>

Reply-To: lmkeeran@rs6000.cmp.ilstu.edu

Organization: Illinois State University

X-Mailer: Mozilla 3.01 (Macintosh; I; PPC)

Mime-Version: 1.0

To: aprssig@tapr.org

Subject: OEM for Tripmate board?

References: <32C8411C.4920@unix.asb.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Who is the Original Equipment Manufacturer for the the Tripmate GPS units that Delorme has?

From wd4cq@juno.com Mon Dec 30 20:04:05 1996

Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA14346 for <aprssig@tapr.org>; Mon, 30 Dec 1996 20:04:03 -0600 (CST)

Received: (from wd4cq@juno.com) by x11.boston.juno.com (queuemail)

id VtG14724; Mon, 30 Dec 1996 21:02:16 EST

To: aprssig@tapr.org

Subject: S1x Meter APRS Node

Message-ID: <19961230.200150.2751.0.WD4CQE@juno.com>

References: <19961029.102541.24039.1.KR40L@juno.com>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 3-8

From: wd4cq@juno.com (Kenneth I Mathews)

Date: Mon, 30 Dec 1996 21:02:16 EST

We are still testing an APRS node on 50.62 mHz. It is at a temp. location with antenna only at 30 feet. If anyone can listen on this freq. and if you do receive it please let me know. Thanks. It will be at a better location shortly.

73's

Happy New Year all on the SIG

Ken, WD4CQE

email to wd4cq@juno.com

From truxenia@erinet.com Mon Dec 30 20:17:48 1996

Received: from erinet.com (eri.erinet.com [207.0.229.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA14653 for <aprssig@tapr.org>; Mon, 30 Dec 1996 20:17:45 -0600 (CST)

Received: from truxenia (dlp81.dayton.eri.net [207.90.116.113]) by erinet.com (8.8.0/8.8.0) with ESMTP id VAA29214 for <aprssig@tapr.org>; Mon, 30 Dec 1996 21:17:03 -0500 (EST)

Message-Id: <199612310217.VAA29214@erinet.com>
From: "Truman Boerkoel" <truxenia@erinet.com>
To: "Sig APRS" <aprssig@tapr.org>
Subject: Fw: AMSAT and APRS
Date: Mon, 30 Dec 1996 21:14:48 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Keith Baker <75070.331@CompuServe.COM>
> To: K8JUG <truxenia@erinet.com>
> Subject: AMSAT and APRS
> Date: Monday, December 30, 1996 6:40 PM
>
> Hi Tru!
>
> Here's what we (AMSAT) "officially" said about APRS and the MIR at
our
> Annual Meeting in Tucson. The issues were summarized after a
meeting with
> concerned parties in Houston in early November.
>
> 73,
>
> Keith/KB1SF
>
> -----
> SB SAT @ AMSAT \$ANS-321.02
> AMATEUR RADIO FREQUENCIES FOR THE MIR SPACE STATION
>
> HR AMSAT NEWS SERVICE BULLETIN 321.02 FROM AMSAT HQ
> SILVER SPRING, MD, NOVEMBER 16, 1996
> TO ALL RADIO AMATEURS BT
> BID: \$ANS-321.02
>
> AMSAT has received numerous comments regarding the recent switch of
2-meter
> frequencies on the MIR space station. AMSAT-NA recognizes that the

> frequency shift by the MIR crew is a major concern for Amateur
Radio
> operators in IARU Region 2 (North & South America) and in Region 3
(Asia
> and Australia) as well as to Amateur Satellite enthusiasts who are
> concerned about voice uplinks in the Weak Signal OSCAR sub-band
(145.80-146).
>

> Frank Bauer, KA3HDO, AMSAT-NA's Vice President for Manned Space,
> reports that he and his colleagues are now working with their
international
> partners to help resolve this issue as soon as possible. Frank
reports
> he's had several discussions on this topic at the AMSAT/ARRL/NASA
sponsored
> International Space Station Meeting in Houston, as well as the
AMSAT-NA
> Symposium in Tucson, Arizona. He says that the dialogue with his
> international partners will continue and he will be keeping
AMSAT-NA
> members informed of any late breaking news regarding this problem
through
> further ANS bulletins.
>
> [ANS thanks Frank H. Bauer, KA3HDO, AMSAT V.P. for Manned Space
Programs,
> for this information.]
>
> -----
>
> SB SAT @ AMSAT \$ANS-321.03
> FREQUENCIES IN SPACE--WHAT'S THE PROBLEM??
>
> HR AMSAT NEWS SERVICE BULLETIN 321.03 FROM AMSAT HQ
> SILVER SPRING, MD, NOVEMBER 16, 1996
> TO ALL RADIO AMATEURS BT
> BID: \$ANS-321.03
>
> Frank Bauer, KA3HDO, AMSAT-NA's Vice President for Manned Space,
speaking
> at the AMSAT-NA Space Symposium in Tucson, recently commented on
some the
> difficulties surrounding global coordination of frequencies for
manned
> space vehicles.
>
> Frank reports that unless one is actively working on frequency
> coordination, it is very difficult to understand all the problems
of selecting
> frequencies for space vehicles. He hopes that the following
discussion will
> help
> explain some of the issues both he and the human-tended space
community are
> now facing.
>
> Frank indicates that, right now, frequency interference for
human-tended
> spacevehicles is a tremendous problem on 2 meters. The three IARU
regions
> (Region 1: Europe & Africa, Region 2: North and South America, and

Region 3:

- > Asia and Australia) each have differing bandplans. In many parts of the world,
- > (such as in Europe) the two meter band is only 2 MHz wide (144-146).
- >
- > Since frequencies at VHF and above are primarily used for line of sight
- > communications, Frank noted that these frequencies have been traditionally
- > coordinated at the local level with little or no concern for global issues.
- > This means that in many countries, even those within the same IARU region,
- > often have differing bandplans or "gentleman's agreements" in force.
- >
- > Frank went on to note that, in space, this "local coordination" becomes a
- > problem because line of sight communications via the Space Shuttle and MIR
- > (and eventually the International Space Station) overlap several countries
- > or continents simultaneously. This causes interference both in space and on
- > the Earth and often violates one or more of these "gentlemen's agreements"
- > currently in place. Frank says that, to date, the 2 meter band represents the
- > most
- > challenging coordination effort because it is the most used Amateur Radio
- > band and is currently the primary band for SAREX and MIR.
- >
- > Until recently, the MIR crew used 145.55 MHz simplex as the Amateur Radio
- > 2 meter frequency for voice and packet. This frequency was also used as a
- > downlink frequency for SAREX. Many international organizations, especially
- > those in the European community, have asked that MIR and SAREX move from
- > the 145.55 MHz frequency since it is a popular simplex frequency there.
- >
- > Frank went on to note that the MIR crew have now moved to new 2 meter
- > frequencies. They are currently using 145.80 simplex for packet and
- > 145.80(uplink)/145.20(downlink) for voice. Frank indicated that these
- > changes were made by the Russian MIR Amateur Radio team and the
- > German SAFEX team to conform with some of the manned space

> frequency recommendations that came out of the recent Region 1
> (European) IARU conference in Tel Aviv, Israel. Frank noted that
while
> this specific frequency recommendation works well in Europe, it
> violates the Region 2 & Region 3 bandplans. Many U.S. repeaters
> operate around 145.20. The 145.80 simplex channel results in
> uplinks within the weak signal OSCAR sub-band 145.80 to 146.00 --
> something that AMSAT-International does not favor. The downlink is
> also very near the APRS frequency of 145.79--so local interference
> becomes a problem.
>
> To correct this problem, Frank suggests that the manned space
community
> must look at other frequency alternatives for regions 2 & 3 *or* a
> consolidated plan for all three regions. He notes that the
ultimate goal of the
> international team of which he is a part is seeking a set of
frequencies that
> will not require the space crews to switch frequencies from one
part of the
> globe to another.
> This is important because there are many times when the crew do not
know where
> they are located. Either they are not near a window or they do not
readily have
> access to a orbital prediction program.
>
> Frank commented that several other frequency "opportunities" for
MIR, SAREX
> and International Space Station resulted from the Region 1
conference.
> However, not all of these are permanent. Frank and the other
members of his
> international team expect to work closely with the IARU, other
AMSAT
> organizations, as well as the manned space teams in the coming
weeks to
> judiciously select a set of 2 meter frequencies that meet the
world-wide
> bandplan. While this is quite a
> challenge, Frank insists that it is a necessary step to resolve
this world-wide
> issue.
>
> Frank hopes this brief analysis answers some of the many questions
> regarding an issue that is, at best, a difficult one. He also asks
the members
> of
> the AMSAT community for their patience and understanding as these
very
> sensitive deliberations continue in the coming weeks.
>
> Further questions can be directed to Frank Bauer, KA3HDO, the SAREX

> frequency coordinator, Hans van de Groenendal, ZS5AKV, the IARU
Satellite
> Advisor, or Graham Ratcliff, VK5AGR, the AMSAT Satellite Frequency
Coordinator.
>
> They can all be reached by e-mail using "their callsign"@amsat.org.
>
> [ANS thanks Frank H. Bauer, KA3HDO, AMSAT V.P. for Manned Space
Programs,
> for this information.]
>
>
>

From ksproul@hardees.rutgers.edu Mon Dec 30 20:23:13 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA15064 for <aprssig@tapr.org>; Mon, 30 Dec 1996
20:23:11 -0600 (CST)
Received: (from ksproul@localhost) by hardees.rutgers.edu
(8.6.12+bestmx+oldruq+newsunq/8.6.12) id VAA04333 for aprssig@tapr.org; Mon, 30
Dec 1996 21:23:10 -0500
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Mon, 30 Dec 96 21:23:09 EST
From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7961] OEM for Tripmate board?
In-Reply-To: Your message of Mon, 30 Dec 1996 18:05:48 -0600 (CST)
Message-ID: <CMM-RU.1.5.851998989.ksproul@hardees.rutgers.edu>

>Who is the Original Equipment Manufacturer for the the Tripmate GPS
units that Delorme has?

Rockwell... From a 'reliable' source (VERY RELIABLE)

Keith

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From AH7E@aol.com Mon Dec 30 20:30:09 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA15303 for <aprssig@tapr.org>; Mon, 30
Dec 1996 20:30:05 -0600 (CST)
From: AH7E@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id VAA25534 for
aprssig@tapr.org; Mon, 30 Dec 1996 21:29:29 -0500
Date: Mon, 30 Dec 1996 21:29:29 -0500
Message-ID: <961230212925_1009422115@emout10.mail.aol.com>

To: aprssig@tapr.org
Subject: HF Digital Auto-Control (was 40m HF discussion)

>From QST, July 1995, Page 83:

Auto-Control Bands as of 1 July 1995

3.620 to 3.635 MHz
7.000 to 7.105 MHz
10.140 to 10.150 MHz
14.095 to 14.0995 MHz
14.1005 to 14.112 MHz
18.105 to 18.110 MHz
21.090 to 21.100 MHz
24.925 to 24.930 MHz
28.120 to 28.189 MHz

<< APRSdos REPLY/COMMENT: Read the mail. Any APRS GATEWAY that <<gates between VHF and HF CAN NOT BE OPERATED UNATTENDED anyway <<unless the gateway is in the special unattended subband. I dont think 10.151 is...

This information posted for everyone's information.

Happy New Year to all,

Sid
AH7E

AH7E@aol.com

From pho@crocker.com Mon Dec 30 20:44:24 1996
Received: from rmc1.crocker.com (root@rmc1.crocker.com [204.97.12.50]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA16404 for <aprssig@tapr.org>; Mon, 30 Dec 1996 20:44:23 -0600 (CST)
Received: from LOCALNAME (iplink013.crocker.com [205.246.4.13]) by rmc1.crocker.com (8.7.6/8.6.10) with SMTP id VAA15837 for <aprssig@tapr.org>; Mon, 30 Dec 1996 21:43:09 GMT
Message-Id: <199612302143.VAA15837@rmc1.crocker.com>
X-Sender: pho@crocker.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Dec 1996 06:51:57 -0500
To: aprssig@tapr.org
From: pete ouellette <pho@crocker.com>
Subject: Re: [APRSSIG:7833] Re: TRIPMATE MAX SPEED? Solved

At 07:12 PM 12/27/96 -0600, you wrote:

>Hello,

>

>I talked to Delorme Tech Support and they did not put
>in any speed restriction. They even tested the unit in

>a Jet. The only restriction is what Rockwell put in the
>firmware.
>
>73 Eric eac@shore.net
>
>

How about an altitude restriction? (Balloons?)

Pete N1AGV

From paulmoll@enteract.com Mon Dec 30 21:50:15 1996
Received: from babel.enteract.com (babel.enteract.com [206.54.252.9]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA21013 for <aprssig@tapr.org>; Mon, 30 Dec 1996
21:50:14 -0600 (CST)
Received: from paulmoll.enteract.com (belial-87.d.enteract.com [207.112.154.96])
by babel.enteract.com (8.8.2/8.7.3) with SMTP id VAA06387 for <aprssig@tapr.org>;
Mon, 30 Dec 1996 21:50:06 -0600 (CST)
Message-Id: <3.0.32.19961230214835.006e6ad4@enteract.com>
X-Sender: paulmoll@enteract.com
X-Mailer: Windows Eudora Pro Version 3.0 (32)
Date: Mon, 30 Dec 1996 21:49:40 -0600
To: aprssig@tapr.org
From: Paul Moller <paulmoll@enteract.com>
Subject: Re: [APRSSIG:7950] Re: comm ports 4 and higher
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I too had a problem with one machine and com3. The answer was tricky, but
is now obvious. I had an ATI Graphics Expression video card, which used the
S2 chip set.

The S2 chip set (boy I hope I have that correct, its been a while) uses one
address that is in the com3 range. One normally thinks of com3 as being
3E8, when of course it is really 3E8 through 3F8. The S2 chip set uses one
address in that range, and CANT be changed.

I reasoned that using an old fashion 450 UART with no buffering would not
use addresses beyond 3E8, but have not been able to solve this problem that
way. I just survive without com3 on that computer. Good luck.

At 08:35 AM 12/30/96 -0600, you wrote:

>>Hi Mike,
>> I'm using a card that gives me com1 to com4. For some reason I can't get
>>Windows 95 to "like" com3. So I have my modem on com1, mouse on com2, and
>>KPC3 TNC on com4. Had to find IRQ's that didn't conflict. But once that was
>>done, all is well here. I wish I could get com3 to work though.
>
>
>

WD9ABE
Paul Moller

From wclement@the-hermes.net Mon Dec 30 22:04:39 1996
Received: from seeker.hermesnet.net (root@seeker.hermesnet.net [205.177.6.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA22129 for <aprssig@tapr.org>; Mon, 30 Dec 1996 22:04:38 -0600 (CST)
Received: from wclement-ppp (athena-6.hermesnet.net [205.177.6.36]) by seeker.hermesnet.net (8.8.4/8.8.4) with SMTP id XAA21024 for <aprssig@tapr.org>; Mon, 30 Dec 1996 23:02:14 -0500 (EST)
Message-ID: <32C88D11.5A63@the-hermes.net>
Date: Mon, 30 Dec 1996 22:48:33 -0500
From: "Dr. William I. Clement" <wclement@the-hermes.net>
Organization: Clement Engineering, Inc.
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:7961] OEM for Tripmate board?
References: <32C8576B.18FE@rs6000.cmp.ilstu.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry Keeran wrote:

>
> Who is the Original Equipment Manufacturer for the the Tripmate GPS
> units that Delorme has?

Keith Sproul wrote:

>
>Rockwell... From a 'reliable' source (VERY RELIABLE)

I checked into this about two weeks ago (talked with a fellow from Rockwell who knew specifically about DeLorme's product) and I was told that DeLorme is using Rockwell's Zodiac Chipset but is not using the Jupiter board -- which is Rockwell's board-level OEM product using the Zodiac Chipset. So, you cannot get an OEM GPS board for as little \$\$\$ as DeLorme is getting theirs because they spend their own time and money developing the board from the Zodiac chipset.

Regards,
Will, N3XLM

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|=====|
| Dr. William I. Clement, President |
| Clement Engineering, Inc.         |
| 1261 Dogwood Road, Arnold, MD 21012-2220 |
| (office) 410.518.6591 / (sales) 410.268.6736 |
| (FAX) 410.518.6597 (call "office" if busy) |
| mailto:wclement@the-hermes.net |
| http://home.navisoft.com/agrelo/clement.htm |
|=====|
```

From dvanhorn@cedar.net Mon Dec 30 23:06:33 1996
Received: from www.cedar.net (www.cedar.net [204.95.210.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id XAA26263 for <aprssig@tapr.org>; Mon, 30 Dec 1996 23:06:31 -0600 (CST)
Received: from hammer.stonewest.com (and-000-24.iquest.net [206.53.241.56]) by www.cedar.net (8.6.8.1/SC05) with SMTP id FAA09476 for <aprssig@tapr.org>; Tue, 31 Dec 1996 05:05:35 GMT
Message-ID: <32C8ACE5.4516@cedar.net>
Date: Tue, 31 Dec 1996 00:04:21 -0600
From: Dave VanHorn <dvanhorn@cedar.net>
Reply-To: dvanhorn@cedar.net
Organization: http://www.stonewest.com
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Making Maps
References: <19961230.200150.2751.0.WD4CQE@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I know I'm gonna hate asking this, but:

How do you draw a LINE in mapedit?

I have found my origin and range and pixels/degree, but I have only been able to work out how to add points to the map.

My next problem will be using my Wacom SD digitizer (12x18") in mapedit. It's resolution is 2540 LPI fixed. I can make it operate in several different modes relative to the screen. The most intuitive is to make the tablet area match the screen, but that means an unequal scaling in the two axes.

Anybody got any suggestions?

From ne1h@tornado.ne1h.radio.org Mon Dec 30 23:17:03 1996
Received: from tornado.ne1h.radio.org (root@tornado.ne1h.radio.org [206.28.196.178]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA26830 for <aprssig@tapr.org>; Mon, 30 Dec 1996 23:17:01 -0600 (CST)
Received: from typhoon.ne1h.radio.org (typhoon.ne1h.radio.org [206.28.196.183]) by tornado.ne1h.radio.org (8.7.3/8.7.3) with SMTP id AAA08505 for <aprssig@tapr.org>; Tue, 31 Dec 1996 00:16:49 -0500
Received: by typhoon.ne1h.radio.org with Microsoft Mail id <01BBF6AF.E2AE3D00@typhoon.ne1h.radio.org>; Tue, 31 Dec 1996 00:16:36 -0500
Message-ID: <01BBF6AF.E2AE3D00@typhoon.ne1h.radio.org>
From: "Alan K. Adamson" <ne1h@tornado.ne1h.radio.org>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: APRS and WX stations? (Bob Brun... please read)
Date: Tue, 31 Dec 1996 00:16:35 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

All,

I have looked back through the documentation for APRS, but no where are =
all of the text identified defined for WX stations. I want to do a =
couple of things with the data, but I can't seem to find the complete =
listing of the protocol. Bob, are you listening and can you send it or =
update the protocol.txt or wx.txt file to reference it. I have found =
bits and pieces of about three different identifiers looking back over =
the various version of documentation that I could find, but I don't know =
which ones are the right one and which may no be valid.

Can someone please help?

Thanks,
Alan

From kf4xh@juno.com Mon Dec 30 23:24:06 1996
Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA27218 for <aprssig@tapr.org>; Mon, 30
Dec 1996 23:24:04 -0600 (CST)
Received: (from kf4xh@juno.com) by x16.boston.juno.com (queuemail)
id ArV02643; Tue, 31 Dec 1996 00:23:23 EST
To: aprssig@tapr.org
Date: Tue, 31 Dec 1996 01:23:39 PST
Subject: Re:HF automatically controlled digital station
Message-ID: <19961231.012403.5599.0.kf4xh@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,3,5-11
From: kf4xh@juno.com (Andrew C. Middlebrooks)

97.221(b) RTTY or data
6m or shorter
28.120-28.189, 24.925-24.930, 21.090-21.100,
18.105-18.110
14.0950-14.0995, 14.1005-14.112, 10.140-10.150, 7.100-7.105
3.620-3.635
Part 97 as of June10.1996

andy/kf4xh@juno.com